



Agustinus Biotamalo Lumbantoruan

Web Developer

Phone: +62 813 9825 3186

Email: fxwisdom1@gmail.com

LinkedIn: [/in/agustinus-biotamalo-lumbantoruan-99126149](https://in/agustinus-biotamalo-lumbantoruan-99126149)

GitHub: [/cryptorichyrich](https://github.com/cryptorichyrich)

Website: <https://biotama.tech>

As a passionate full-stack developer specializing in financial technology, I transform complex financial processes into intuitive digital experiences across retail banking, commercial banking, and forex trading platforms. While my expertise spans the entire development stack, my focus over the past five years has centered on mastering modern JavaScript frameworks including React, Nest.Js, Astro.Js, Vue.js, and Next.js to create dynamic, responsive interfaces. I combine technical excellence with business acumen to deliver secure, high-performance solutions that satisfy both C-level stakeholders and end-users while maintaining strict regulatory compliance.

Skills

Skills I have acquired in the last 5 years

React 5/5 Vue.js 2/5 FastAPI 4/5 Astro 5/5 Tailwind CSS 5/5 Node.js 5/5
NestJS 5/5 Express.js 5/5 GraphQL 3/5 Docker 3/5 Docker Compose 4/5
Kubernetes 2/5 Jekyll 5/5

Frontend Development

React JavaScript TypeScript Vue.js Astro jQuery Tailwind CSS CSS3 SASS
Bootstrap HTML5

Backend Development

Node.js FastAPI Express.js NestJS PHP GraphQL Java Python

Full-Stack Development

Next.js Laravel Java Spring Hibernate Flask PHP Python

CI/CD & Automation

Docker Jenkins Git GitHub GitHub Actions n8n

Databases

MySQL Oracle Database MongoDB PostgreSQL Sequelize Prisma Eloquent ORM
Hibernate

CMS

WordPress HubSpot CMS Elementor

Cloud & DevOps

Railway Digital Ocean Google Cloud

I speak

Indonesia native English C1

Work experience

Senior Web Developer

January 2014 - October 2024

CITT Services (Remote, Dallas, USA)

At CITT Services, I contributed to comprehensive technology consulting services that enabled client firms to expand their technical capabilities without the burden of hiring specialized staff. Working with financial sector clients including Pepperstone, TitanFX, BaxiaMarkets, Funded Prop BX, Traderscolo, and Liquidity Connect, I delivered expertise in web development, SEO optimization, backend infrastructure, and automated data synchronization systems.

My technical accomplishments included developing responsive and user-friendly web applications, implementing SEO strategies to improve online visibility, architecting robust backend systems, and creating automated data workflows that enhanced operational efficiency. These projects required close collaboration with stakeholders to understand their technical requirements and business objectives, resulting in scalable solutions that modernized their digital infrastructure while maintaining security and performance standards.

Technologies: Ubuntu, Windows Server, React, HTML5, CSS3, Bootstrap, PHP, WordPress, Elementor, Laravel, Vue.js, jQuery, HubSpot CMS, HubSpot Marketing Hub, Jekyll, Docker, Docker Compose, n8n, SASS, Git, GitHub, GitHub Actions, Python, Flask, Digital Ocean, Google Cloud

Host Integrator

August 2011 - December 2013

Wirecard (Jakarta, Indonesia)

At PT. Aprisma Indonesia (a Wirecard A.G. subsidiary), I served as a host integrator specializing in payment gateway implementations. I engineered robust payment processing solutions by integrating Aprisma's proprietary Prisma Gateway technology with clients' banking systems. My technical contributions included developing custom API connections, implementing secure transaction protocols, and configuring end-to-end payment flows across multiple channels.

Daily responsibilities encompassed writing integration code, troubleshooting complex payment scenarios, optimizing transaction processing efficiency, and ensuring PCI-DSS compliance. I

designed automated testing frameworks to validate payment workflows and created technical documentation for system administrators. This role demanded advanced knowledge of web services, encryption methods, financial transaction protocols, and cross-platform integration techniques while working within an enterprise environment serving Wirecard's global network of 14,000+ corporate clients across 69 countries.

Technologies: Java, HTML5, CSS3, Spring, Spring Boot, Hibernate

Projects

Next & FastAPI Sales Dashboard with Gemini AI Sales Chatbot

April 2025 - April 2025

This project is a full-stack sales dashboard application consisting of a FastAPI backend and a Next.js frontend. The backend, built with Python, serves sales representative data from a JSON file and integrates Google's Gemini AI model to provide intelligent responses to sales-related queries. Key backend features include endpoints for retrieving sales data, generating AI-powered insights, and calculating sales analytics. The system uses dummy sales representative data that includes information on representatives' regions, skills, deals, and clients, with appropriate CORS configuration to allow cross-origin requests from the frontend.

The frontend is developed with Next.js and React, featuring a responsive interface built with Tailwind CSS. It displays sales representative information in cards that can be filtered by region, and includes an AI chat section where users can ask questions about sales data. The application architecture is well-organized with separate components for layout, sales representation, and AI chat functionality. Custom React hooks manage data fetching and chat state, while the UI components handle the presentation of sales data and formatting of AI responses. The chat interface supports markdown rendering, making the AI responses more readable with proper formatting for headings, code blocks, and other elements.

Github: <https://github.com/cryptorichyrich/Sales-Dashboard-FastApi-Next>

Technologies: React, Next.js, Google Gemini AI, Tailwind CSS, HTML5, GitHub Actions, JavaScript

Vavelle Crispy Pork Belly

January 2025 - now

For Vavelle & Co, I developed a streamlined web application showcasing their signature Crispy Pork Belly product. As both front-end developer and designer on this solo project, I created an intuitive interface that beautifully highlights the product's quality while simplifying the ordering process. As for the gallery, I was inspired by Instagram's design, implementing a visually engaging grid layout that emphasizes the product's texture and presentation. The solution features mouth-watering product imagery, detailed descriptions, and customization options, culminating in a seamless WhatsApp integration that allows customers to finalize orders directly through messaging. This approach eliminated the need for complex payment gateways while maintaining the personal touch the client wanted in their customer interactions. The responsive design ensures accessibility across

all devices, helping Vavelle expand their market reach while preserving their direct customer relationship model.

Live: <https://crispyporkbelly.vavelleco.com/>

Technologies: React, Tailwind CSS, HTML5, GitHub Actions, JavaScript

Vavelle Car Rental

January 2025 - now

For Vavelle & Co, I designed and developed a comprehensive car rental web application that streamlines the vehicle booking process. As the sole front-end developer and designer on this project, I created a cohesive six-page website with intuitive navigation and responsive design. The gallery page features an elegant display of the rental fleet with detailed car specifications, allowing customers to compare options easily. I implemented a user-friendly booking system that guides visitors through the rental process step by step, with clear date selection and vehicle availability indicators. The FAQ page addresses common customer questions with expandable sections for improved readability and information access. Throughout the site, I maintained Vavelle's brand identity while ensuring cross-device compatibility, resulting in a professional platform that effectively showcases their rental offerings while simplifying the reservation process for their customers.

Live: <https://rentalmobil.vavelleco.com/>

Technologies: React, Tailwind CSS, HTML5, GitHub Actions, JavaScript

Damai Kasih Channel

January 2023 - now

For Damai Kasih Channel, I spearheaded the development of a comprehensive religious digital platform that serves as a spiritual resource hub for the Indonesian Christian community. Working within a team of three, I took on the dual role of front-end developer and designer to create an intuitive, accessible experience across multiple applications. The centerpiece of my contribution is a sophisticated Bible application featuring multiple translations including "Terjemahan Baru," "Terjemahan Baru 2," "Vulgata," and "Greek Interlinear," along with specialized resources like the Bible Dictionary, Catholic Catechism, and Canonical Law texts.

My technical implementation focused on creating a cohesive JavaScript-based ecosystem that maintains consistency across various web applications while optimizing for performance. A notable enhancement I introduced is text-to-speech functionality, allowing users to listen to content rather than read—a feature I implemented across the blog section, Bible applications, and other web resources. This accessibility improvement has significantly expanded the platform's reach to users with visual impairments and those who prefer auditory learning. Throughout the ongoing development process since January 2023, I've continuously refined the user interface and added new features based on community feedback, creating a growing digital ministry that serves believers through modern technology.

Live: <https://damaikasihchannel.com/>

Technologies: Jekyll, HTML5, CSS3, JavaScript

Gatsby Garage

October 2024 - November 2024

I immersed myself in the GatsbyJS framework through an Udemy course by Eric Evans, marking my first hands-on experience with this powerful technology. Working independently as both front-end and back-end developer, I built a headless CMS solution that leverages WordPress for content management while GatsbyJS extracts and transforms this data into a lightning-fast static site. This architecture allowed me to combine the user-friendly content editing capabilities of WordPress with the performance benefits of a static site generator. Throughout the two-month development process, I gained valuable insights into modern JAMstack principles, GraphQL data querying, and the benefits of decoupled architecture. The project served as an excellent learning opportunity to understand how static site generation can dramatically improve page load times and overall performance while maintaining full content management flexibility.

Technologies: Gatsby, Tailwind CSS, React, WordPress, GraphQL, MySQL, Docker Compose

Nextjs Property

October 2024 - November 2024

For my "NextJS Property" project, I applied the knowledge gained from my previous Gatsby experience but shifted to the NextJS framework to explore its unique capabilities. Working solo as both front-end and back-end developer, I created a complete property listing application that showcases real estate information with rich detail and intuitive navigation. Unlike my Gatsby project, NextJS allowed me to implement hybrid rendering strategies, using static generation for content-heavy pages while leveraging server-side rendering for dynamic search functionality. This approach provided the performance benefits of static sites with the flexibility needed for interactive features. The development process enhanced my understanding of React's ecosystem while revealing the practical differences between these two powerful frameworks. This personal project strengthened my full-stack capabilities and demonstrated how NextJS can be especially valuable for applications requiring both speed and dynamic content handling. RetryClaude can make mistakes.

Technologies: Next.js, Tailwind CSS, React, WordPress, GraphQL, MySQL, Docker Compose

CrosSyncOrder

July 2024 - October 2024

For my personal project "CrosSyncOrder," I designed and built a comprehensive Software as a Service (SaaS) solution targeting the Forex trading market's need for cross-platform trade synchronization. Working independently as both front-end and back-end developer, I created a system capable of copying trades from a single source trading account to multiple destination accounts across different platforms—MetaTrader 4, MetaTrader 5, and cTrader.

The development process involved tackling complex technical challenges, including creating uniform interfaces for disparate trading platforms, implementing secure authentication protocols for

accessing trading accounts, and designing a resilient real-time synchronization system with minimal latency. I built a user-friendly dashboard that provides detailed monitoring of trade copying status, performance metrics, and comprehensive logging. While the project remained in the personal development phase, it significantly enhanced my understanding of financial technology integration, multi-platform compatibility issues, and the architectural considerations needed for high-reliability financial applications that must operate with precision in time-sensitive environments.

Live: <https://crossyncorders.com/>

Technologies: Node.js, Express.js, JavaScript, CSS3, Tailwind CSS, MySQL, ZeroMQ, WebSocket, MQL4, MQL5, C#, Docker, Kubernetes, Railway

Funded Prop Bx

January 2022 - October 2024

For Funded Prop Bx, I led the development of a comprehensive web application designed for proprietary trading funds management. Working with a team of three, I took on multiple roles spanning front-end development, design, and back-end implementation to create a cohesive platform that streamlines the evaluation and management of funded traders.

On the front-end, I designed an intuitive interface that balances aesthetic appeal with practical functionality, implementing responsive layouts using HTML5 and CSS3 that adapt seamlessly across devices. The back-end architecture leverages WordPress and PHP for content management and business logic, with custom MySQL database solutions handling complex trader performance metrics and account data. Throughout the nearly three-year development cycle, I maintained version control through GitHub, facilitating efficient collaboration and deployment processes. The resulting platform provides a robust infrastructure for trader evaluation, account management, and performance tracking, delivering a professional solution that operates at the intersection of financial technology and web development.

Live: <https://fundedpropbx.com/>

Technologies: WordPress, PHP, HTML5, CSS3, GitHub, MySQL, Docker, Docker Compose, Ubuntu, Digital Ocean

BaxiaMarkets

January 2019 - October 2024

For BaxiaMarkets, I spearheaded the development of a sophisticated financial services platform over a five-year period, implementing a specialized architecture that separated public-facing content from secure client operations. The public website was built using WordPress for its content management capabilities, creating an informative and marketing-focused company brochure that effectively communicated BaxiaMarkets' offerings and value proposition to potential clients.

The secure client area was developed using Laravel, providing a robust foundation for critical financial operations including account management and deposit functionality. I architected a comprehensive microservices infrastructure to integrate multiple payment service providers,

ensuring seamless transaction processing while maintaining system modularity. For regulatory compliance, I implemented SumSub KYC technology, creating a frictionless yet thorough identity verification workflow. The front-end implementation for both the public site and client portal utilized React and Vue.js frameworks with HTML5 and CSS3, delivering responsive interfaces optimized for different user journeys. Throughout this complex project, I maintained strict version control via GitHub and built a scalable MySQL database architecture to support growing user volumes and transaction data. This carefully separated yet cohesive system architecture successfully balanced marketing objectives with stringent financial security requirements while providing an intuitive user experience.

Live: <https://baxiaMarkets.com>

Technologies: WordPress, PHP, Laravel, React, Vue.js, HTML5, CSS3, GitHub, MySQL, HubSpot CMS, Docker, Docker Compose, Ubuntu, Windows Server, Digital Ocean

News BaxiaMarkets

January 2020 - October 2024

For the News BaxiaMarkets project, I led the development of a specialized financial news platform integrated within the broader BaxiaMarkets ecosystem. Working collaboratively with a team, I focused on creating an engaging and information-rich news experience using HubSpot CMS as the foundation. As the primary front-end developer and designer, I crafted a content delivery system that presents complex financial news and market analysis in an accessible, visually compelling format.

The implementation leveraged HubSpot Development tools and custom modules to create dynamic content templates optimized for different news categories including market updates, economic calendars, and analyst insights. I designed intuitive navigation systems and content filtering mechanisms that allow users to quickly find relevant information based on asset classes, regions, or impact levels. Throughout the nearly five-year development cycle, I continuously refined the user experience based on engagement metrics and feedback, implementing responsive designs that maintain consistency across devices. This specialized news platform became a valuable extension of BaxiaMarkets' service offerings, providing clients with timely market intelligence while simultaneously serving as a content marketing engine that established the company's thought leadership in the financial sector.

Live: <https://news.baxiamarkets.com/>

Technologies: HubSpot CMS, HubSpot Development, HTML5, CSS3, Bootstrap, JavaScript

Traderscolo Front-end and Back-end Development

January 2014 - January 2020

For the Traderscolo Front-end and Back-end Development project, I served as a front-end developer within a robust 11-person team during a six-year period that transformed the company's digital service offerings. Working on Traderscolo's dedicated VPS (Virtual Private Server) rental platform for traders, I developed user interfaces that streamlined the process of selecting,

configuring, and managing virtual servers optimized for trading applications.

The technical implementation leveraged WordPress for the customer-facing website and product information, while WHMCS provided the critical client management, billing, and service provisioning functionality. I created custom PHP solutions to enhance the integration between these platforms, developing specialized interfaces for VPS configuration options tailored to different trading software requirements. The underlying infrastructure was built on VMware virtualization technology, which enabled the reliable hosting and management of numerous client VPS instances. My work focused on creating intuitive dashboards for server management, usage monitoring, and service upgrades, making complex technical processes accessible to traders without IT backgrounds. This specialized hosting service allowed traders to run their automated trading systems continuously with minimal latency, providing them with a competitive edge in the markets.

Live: <https://traderscolo.com>

Technologies: WordPress, WHMCS, PHP, VMware, Windows Server, Ubuntu, Digital Ocean, Google Cloud

Certifications

Next JS & WordPress: Build Rapid NextJS Sites

December 2024 - now

Udemy

Advanced course on building high-performance websites using Next.js and WordPress as a headless CMS.

Gatsby JS v5 & Headless WordPress

November 2024 - now

Udemy

Comprehensive course on building modern web applications using Gatsby JS and WordPress as a headless CMS.

React, NodeJS, Express & MongoDB - MERN Fullstack Guide

November 2024 - now

Udemy

Comprehensive full-stack web development course covering React, Node.js, Express, and MongoDB ecosystem.

The DevOps Essentials - The Handbook

November 2024 - now

Udemy

Comprehensive guide to DevOps principles, practices, and essential tools.

Docker & Kubernetes: The Practical Guide

Udemy

In-depth practical course on containerization and orchestration using Docker and Kubernetes.

August 2024 - now

Dive Into Kubernetes - Containers, Docker and Kubernetes

Udemy

Detailed exploration of Kubernetes, containerization, and Docker technologies.

June 2024 - now

AWS for Beginners

Great Learning Support

Introductory course covering fundamental Amazon Web Services cloud computing concepts.

October 2024 - now

Cloud Computing Architecture

Great Learning Support

Comprehensive overview of cloud computing architectural principles and design.

October 2024 - now

Introduction to DevOps

Great Learning Support

Foundational course introducing DevOps principles, practices, and tools.

October 2024 - now

SEO II

HubSpot Academy

Advanced Search Engine Optimization strategies and techniques.

November 2024 - now

Beginners Guide to Google Tag Manager

Udemy

Introductory course on using Google Tag Manager for web analytics and tracking.

December 2022 - now

Flutter iOS and Android Development

Udemy

Comprehensive mobile app development course using Flutter for iOS and Android platforms.

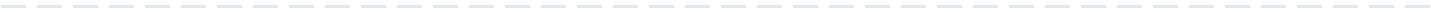
November 2020 - now

Machine Learning A-Z

Udemy

September 2020 - now

Comprehensive course on Machine Learning using Python and R in Data Science.

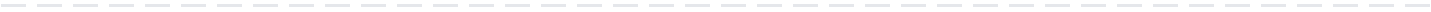


Project Management Practical Guide

September 2020 - now

Udemy

Practical project management course applicable across various industries.



Complete Machine Learning Course

August 2020 - now

Udemy

Extensive machine learning course covering advanced data science techniques.

Education

Information System

October 2007 - July 2011

Swiss German University

Bachelor degree. Specialization in software development. GPA 3.34

I hereby give consent for my personal data included in my application to be processed for the purposes of the recruitment process.