

MUHAMMAD RIZQI AMANAN HABIBULLOH

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SUMMARY

Dedicated and conscientious computer science student with a strong passion for software development. Experienced in programming languages such as Java, Python, and JavaScript, and TypeScript and developing web applications using modern frameworks such as Vue.js, React, and Next.js. My recent projects have focused on the React ecosystem, applying a methodical approach that follows industry best practices, and ensuring code quality through comprehensive testing and version control with Git. I have sharp analytical skills and a strong understanding of system design, with a focus on scalability and performance. My experience extends to developing innovative projects in front-end and full-stack capacities, working within agile development methodologies to ensure seamless collaboration and integrated development processes.

EXPERIENCE

Web Developer (Internship) | Mark Design Startup June 2022 - December 2022

- Performed basic network troubleshooting and WiFi maintenance to support daily operations.
 - Assisted in content development by creating over 15 articles for digital platforms.
 - Developed a responsive company profile website using a ReactJS for the frontend, NodeJS for the backend, and MySQL as the database.
 - Collaborated with a 3-person design team to deliver high-quality software solutions and implement UI/UX best practices.
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PROJECTS

Trading Simulation Platform June 2025
(Individual Full-Stack Project)

A stock trading simulation platform utilizing a Go backend with Clean Architecture patterns, a Nuxt 3/TypeScript frontend, a MySQL database, and Redis for real-time data processing.

- Features real-time stock price updates via WebSocket, advanced order management (limit, stop-loss, OCO), and portfolio tracking with performance analytics.
- Implemented secure JWT authentication and a RESTful API architecture with over 25 endpoints.
- Utilized Redis pub/sub for real-time data and deployed using Docker containerization with a CI/CD pipeline (Jenkins, GitHub Actions).
- Optimized performance through SSR and database indexing, achieving a 40% performance improvement.
- stock-simulation-frontend.vercel.app

Animal Mart May 2025
(Individual Full-Stack Project)

An e-commerce platform developed using a Next.js 14/TypeScript frontend, an Express.js backend, and a Firebase Firestore database.

- A complete e-commerce solution with an order management system, product reviews, a persistent cart, and an admin dashboard featuring real-time analytics and CSV export.
- Implemented JWT authentication and responsive design with React Context API for state management.
- Built a RESTful API architecture showcasing comprehensive full-stack development skills.
- animal-marts.vercel.app

HurtsSpace January 2025
(Individual Full-Stack Project) Under Development

An e-commerce platform for small-to-medium enterprises (UMKM) built with Clean Architecture using Next.js 15, React 19, TypeScript, Express.js, Prisma ORM, and MySQL.

- Features include product management, a shopping cart, an ordering system, a payment

- gateway, and an admin dashboard.
- Transformed a legacy codebase to Clean Architecture, reducing complexity by 92%.
- Implemented Domain-Driven Design and the Repository Pattern.

Village Web Platform (Group Project)

August 2024

Contributed to the development of a digital platform highlighting the creative initiatives of the Wersah Gang III community, showcasing local events, vision, and innovation programs.

- Built multiple sections and pages using Next.js with TypeScript and integrated an Express.js backend with Firebase for data management.
- Collaborated with a 4-person team to deliver community-focused solutions, increasing engagement by 60%.
- arusbawahcreator.vercel.app

AuctionHub Online Auction System (Individual Full-Stack Project)

May 2025

An online auction system using PHP 8.1, MySQL, and AdminLTE with multi-role authentication (Admin/Employee/User), a real-time bidding system, and a responsive dashboard.

- Implemented Docker containerization and deployment configuration, achieving 99.5% uptime.
- Developed a real-time bidding system with multi-role authentication and comprehensive management features.
- uaspemweb.wasmer.app

HARD SKILLS

- Programming Languages** : JavaScript, TypeScript, PHP, Go, Python, Java
- Frontend Technologies** : React.js, Next.js, Vue.js, Angular, Svelte, HTML5, CSS3, TailwindCSS
- Backend Technologies** : Node.js, Express.js, Laravel, RESTful APIs, WebSocket, Gin
- Database** : MySQL, PostgreSQL, Firebase, Redis, MongoDB
- Tools & Technologies** : Git, GitHub, Docker, Jenkins, CI/CD Pipeline, Prisma ORM
- Architecture & Patterns** : Clean Architecture, MVC, Repository Pattern, Domain-Driven Design, Microservices
- Software** : Visual Studio Code, Xampp, Laragon, Android Studio, Figma, Google Collab

EDUCATION

Bachelor of Informatics | University Pembangunan Nasional "Veteran" East Java 2023 - Present

- GPA: 3.758/4.00 (Expected Graduation: 2027)

Vocational High School - Software Engineering | SMK Telkom Malang 2020 - 2023

CERTIFICATIONS

- NodeJS Competency Certification (BNSP)** [Credential](#) March 2023
- IT Specialist Certification in JavaScript** [Credential](#) December 2022
- Telkom Digi Up JWD (BNSP)** [Credential](#) November 2022

SKILLS

Soft Skills: Teamwork, Adaptability, Problem Solving, Public Speaking, Critical Thinking, Creative, Time Management, Team Leadership

Language : Bahasa (Native), English (Intermediate)