

GUSTAM RHEZA MAHENDRA
+6285940476706 • rhezagustam@gmail.com • LinkedIn • Website • GitHub • Jakarta, ID

Summary

Highly motivated and results-driven Software Engineer with over 5 years of experience building scalable applications, e-commerce platforms, and AI-driven solutions. Deeply passionate about developing AI-powered features and integrating LLM APIs to solve real marketplace problems. Adept in TypeScript, Next.js, and modern web architectures, with proven experience building intelligent systems such as AI-powered resume analysis and examination tools. Possesses a strong product mindset and a keen eye for UX, dedicated to bridging the gap between sophisticated AI models and reliable, user-centric products.

Education

Universitas Gunadarma — Depok, Indonesia
Bachelor of Information Systems. GPA 3.70/4.00 — 2021 - 2025
Relevant Coursework: Enterprise Architecture, Information Systems Audit, Information Systems Security, Decision Support Systems, ERP, IT Governance, Artificial Intelligence

SMK Negeri 2 Jakarta — Jakarta, Indonesia
Vocational High School Diploma – Teknik Rekayasa Perangkat Lunak / Software Engineering — 2018 - 2021
Relevant Coursework: Web Programming, Mobile & Desktop App Development, Game Development, Object-Oriented Programming, Database Systems, Software Engineering, Algorithms & Logic, UI/UX Design, Software Testing.

Relevant Experience

Kementerian Keuangan Republik Indonesia – BaTii — Jakarta, Indonesia
Middle Front End Developer, Contract — Sep 2025 – Present

- Led the re-engineering of the legacy Rapat module into a modern Event Management platform, centralizing event scheduling, resource allocation, and attendee coordination to increase operational efficiency.
- Architected and implemented Kolase, a comprehensive correspondence tracking module that provides real-time status monitoring, audit trails, and escalation support for official letters from Nadine.
- Built the Tim module to model organizational structure, assign responsibilities, and manage permissions—enabling clearer ownership and faster response times.
- Worked closely with end users and program owners to refine requirements and conduct user acceptance testing.

PT. Erajaya Swasembada. Tbk. (Eraspace) — Jakarta, Indonesia
Front End Developer, Internship MSIB Awardee Batch 7 — July – Des 2024

- **Achieved 1st Place Final Project Presentation Award out of 100+ interns** for an impactful solution enhancing internal content creation workflows.
- Optimized frontend performance and page load times through component refactoring, data fetching, code splitting, and efficient state management, improving overall user experience on (iBox, Eraspace).
- Collaborated cross-functionally with UI/UX, QA, and backend teams in Agile sprints to deliver features on time and within scope
- Built a no-code CMS Content Generator for internal teams, enabling non-developers to create dynamic pages and email newsletter without coding called Era Builder

Kementerian Keuangan Republik Indonesia – BPPK — Jakarta, Indonesia
Front End Javascript Developer, Internship MSIB Awardee Batch 6 — Feb 2024 – Jul 2024

- **Awarded 1st Place for Best Final Project Contribution**, recognized for outstanding innovation and impact within the internship program.
- Migrated legacy project KLC from Next.js v9 to v14 and refactored class components into functional components,

improving performance and maintainability by 40%

- Built an AI-powered online examination platform Kemenkeu CAT for USKP (Ujian Sertifikasi Konsultan Pajak), integrating real-time fraud detection and automated identity verification to ensure exam integrity
- Developed and integrated AI-driven exam security features including real-time face recognition**,** object detection, and OCR-based ID Card verification using Face API, TensorFlow and Tesseract

Indonesiaproperti.com Jakarta, Indonesia
Full Stack Developer, Remote Apr 2023 – Jul 2023

- Spearheaded frontend optimization using Next.js, achieving exceptional Google Lighthouse scores (100% Performance, 94% Accessibility) and boosting SEO through strategic implementation of Server-Side Rendering (SSR).
- Engineered a highly interactive user experience by developing with the Next.js App Router, resulting in a 45% increase in user engagement and a 30% reduction in page load times.
- Architected and developed the entire website's CMS functionality, building dynamic pages and features using Sanity.io, GROQ, and GraphQL for seamless content management and delivery.

PT. Duta Samudera Mahendra Jakarta, Indonesia
IT Developer & Admin, Full Time Dec 2021 – November 2023

- Developed and maintained responsive web applications using React.js and Strapi CMS, improving user experience and system efficiency.
- Collaborated with senior developers and cross-functional teams to design and deliver scalable front-end features.
- Managed hosting, deployment, and domain configuration for client and internal projects, ensuring 99.9% uptime

Kementerian Komunikasi dan Informatika Republik Indonesia Jakarta, Indonesia
IT Support, Praktik Kerja Lapangan Feb 2020 – Agustus 2020

- **Provided day-to-day IT support for internal staff, including troubleshooting hardware, software, and network connectivity issues.**
- Responded to helpdesk tickets and on-site support requests, ensuring timely resolution and minimal service disruption.
- Supported data center and server room operations by monitoring systems, performing basic maintenance, and documenting technical procedures.
- Assisted in installation, configuration, and maintenance of operating systems, office applications, and government-standard software.

Technical Skills

Programming: TypeScript, JavaScript, Swift, Go, Java, C#, HTML, CSS, MongoDB, MySQL, PostgreSQL
Frameworks: Next.js, Angular, Vue, React Native, Tailwind CSS, Chakra UI, Swift UI, Express.js, Nest.js, Spring Boot, .NET
Libraries: React.js, Shadcn UI, Zustand, Redux, Jest, Supabase, Firebase, Prisma, Drizzle ORM
DevOps & Deployment: Coolify, Vercel, Netlify, Cloudflare (R2), AWS (S3, EC2), DigitalOcean, CI/CD
Developer Tools: Visual Studio Code, Xcode, IntelliJ IDEA, Git, Jira, DataGrip, npm, pnpm, Yarn, Homebrew
Language: Indonesian (Native), English (Professional Working Proficiency)

Projects

Silamar – Full Stack AI Resume & Application Manager
Developed an AI-powered job application management platform featuring automated cover letter generation and resume analysis. Built using Next.js 15, Supabase, and Vercel AI SDK, with GPT-4o mini integration for PDF parsing. Implemented auto-save functionality with an optimistic UI to ensure a seamless user experience.

Evaluation CAT – Computer Assisted Test
Developed a web-based examination system with a strong focus on cheating prevention, including impersonation detection mechanisms. Built using Next.js, NestJS, and Tailwind CSS, and deployed on Vercel for scalability and reliability.

News App – iOS Real-Time News Reader

Developed an iOS mobile application that delivers real-time news from multiple sources via the News API. Built using Swift, SwiftUI, and Xcode, with a clean and responsive user interface optimized for mobile devices.

Inventory Management Systems – Windows Desktop App

Developed a desktop-based inventory management system to manage products, stock levels, suppliers, and transaction records. Built using Visual Basic .NET and Microsoft SQL Server, featuring full CRUD operations, relational data modeling, data validation, and role-based access control. Implemented real-time stock updates and reporting features to improve inventory accuracy, reduce manual errors, and support efficient daily operations.

Certification & Training

Master Angular, Udemy	Dec 2025
System Analyst, Badan Nasional Sertifikasi Profesi	Aug 2025
Developing Applications for iOS, Stanford CS193p	Feb 2024
iOS App Development Bootcamp, Udemy	Mar 2023
JavaScript Algorithms and Data Structures, FreeCodeCamp	Dec 2022
Responsive Design, FreeCodeCamp	Aug 2022
Front-End Development, Meta	Aug 2022
KKNI Level II Software Engineering, Badan Nasional Sertifikasi Profesi	Aug 2021