Roihan Salsabila

Software Developer

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SUMMARY

Software Developer with experience building web and mobile applications across frontend, backend, database, and API development. Proficient in React, Next.js, Node.js, TypeScript, and various database technologies, with hands-on experience developing REST APIs, authentication and authorization systems, third-party integrations, payment systems, and responsive user interfaces. Completed the Hacktiv8 Full Stack JavaScript Immersive Program and have recently expanded my experience in generative AI and AI-assisted software development.

SKILLS

Programming Skills

- Language: JavaScript (ES6+), TypeScript, Python, HTML5, CSS3, SQL
- Front End: React.js, Next.js, Redux (Toolkit), Vue.js, Pinia, React Native, Tailwind CSS, Material UI, Shadcn/ui, Bootstrap
- Back-End & Databases: Node.js, Express.js, Sequelize (ORM), Prisma (ORM), Mongoose (ODM), PostgreSQL, MongoDB, Redis, GraphQL, Apollo Server, FastAPI, SQLAlchemy, Alembic.
- Tools, Cloud & DevOps: Git, GitHub, RESTful APIs, Docker, AWS (EC2), Supabase, Firebase, Railway, Postman, Socket.io
- AI & Development Tools : Gemini AI, AI-assisted Development, v0.dev, Cursor, Claude, ChatGPT, GitHub Copilot / Codex
- Testing: Unit Testing (Jest, Supertest)

WORK EXPERIENCE

PT Okta Prima Mulya *June 2023 – October 2023*

Full Stack Developer

- Collaborated with the development team to design and develop a web marketplace application.
- Utilized technologies such as Node.js, Express, Mongoose, MongoDB, TypeScript, React, Redux, Next.js, Tailwind CSS, Material UI, and APIs (REST API, Payment Gateway Stripe/PayPal, Socket.io).
- Responsible for developing key features including product management, shopping cart, payment system, third-party API integration, and real-time system using Socket.io.
- Implemented authentication and authorization systems using JSON Web Tokens (JWT) and conducted unit testing to ensure software quality.

CV Arta Grow Persada *April 2023 – August 2023*

Remote Internship as Web Developer

- Designed and developed the company's website using Vue.js, HTML, CSS, and JavaScript, focusing on responsive and user-friendly interfaces.
- Collaborated with a cross-functional team to deploy user-centric features, including an interactive contact form, an engaging blog section, and a dynamic product catalog.
- Created a Software Requirements Specification (SRS) document for a new project, outlining the user requirements, system functionality, and technical specifications.

PROJECTS

HelpDesk Mini - Multi-Tenant Helpdesk Platform | GitHub *October 2026*

Developed a multi-tenant helpdesk application with RBAC, JWT authentication, real-time WebSocket messaging, ticket management, and Docker deployment.

Tech stack: Python, FastAPI, PostgreSQL, SQLAlchemy, Next.js, TypeScript, WebSocket, Docker.

SIAKAD - Academic Information System *July 2026 - Present (In Progress)*

Developing a full-stack academic management system with role-based access control, course registration, scheduling, attendance, grades, tuition, and payment management.

Tech stack: React, TypeScript, Node.js, Express.js, PostgreSQL, Prisma, Redux Toolkit, JWT.

NegotiAI | GitHub *August 2026*

AI-powered web application designed to help users prepare and simulate negotiation scenarios using generative AI.

Tech stack: Next.js, TypeScript, Shadcn/ui, Tailwind CSS, Gemini AI, v0.dev

MedicTrack *July 2025*

A health metrics dashboard designed to display patients' lab results over time.

Tech stack: React, Tailwind, TypeScript, Sequelize, PostgreSQL, Express JS, Nextjs, Shadcn

Magurameudon App Mobile Clone *February 2023*

A mobile application to display Restaurant Magurameudon

Tech stack: Express JS, PostgreSQL, React Native, Redux, React JS, Apollo Server, AWS, Apollo Server, Mongo DB, NativeWind, Expo, Supabase

EDUCATION

Universitas Perjuangan **Tasikmalaya, Indonesia**
Bachelor of Civil Engineering *2024 - 2026*
Grade : 3.19/4.00

Hacktiv8 **Jakarta, Indonesia**
Full Stack JavaScript Immersive Program *November 2022 – March 2023*
- *Grade : 89.3/100 [Transcript]*
- *Certificate : [Link]*

CERTIFICATIONS

MAPID CATALYST 2026: Mini Certification WebGIS *September 2026*
MAPID × BINUS University

AI Productivity and AI API Integration for Developers *August 2026*
Hacktiv8

10x Engineer with AI *August 2026*
PT Padepokan Tujuh Sembilan

Cloud Practitioner Essentials (Belajar Dasar AWS Cloud) *April 2023*
Dicoding Indonesia

Full Stack JavaScript Immersive Program *March 2023*
Hacktiv8

LANGUAGES

Bahasa Indonesia (*Native*)
English (*Intermediate*)