

# Dicha Zelianivan Arkana

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## WORK EXPERIENCE

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### Fullstack Web Developer

April 2024 — December 2025

PT. Global Scholarship Services Indonesia - Fulltime

Bogor, Indonesia

- Designed and implemented a CI/CD pipeline using GitHub Actions, reducing deployment time by 50%.
- Optimized website performance, increasing Lighthouse score from <70 to >95, enhancing user experience and SEO ranking.
- Refactored and resolved critical issues in the back-office application, such as fixing broken data synchronization, and optimizing workflow automation, improving staff efficiency due to reduced manual work.
- Maintained 99% uptime during peak hours by optimizing server configurations and database queries.
- Rewrote legacy finance system to a more robust system improving accuracy and reliability
- Built a Quizziz-like realtime quiz system using Reverb to simplify pre-test and post-test operational flow

**Stack:** Typescript, React, NextJS, PHP, Laravel, MySQL, NodeJS, Docker, Tailwind

### Fullstack Web Developer

Jan 2023 — Apr 2023

PT. Healstation Indonesia - Freelance

Indonesia

- Developed a robust Content Management System (CMS) for a South Korean mobile app integrating car, camp car, and camping site rentals.
- Designed a scalable database schema, ensuring data consistency and efficient query performance.
- Implemented MySQL as the primary database and MinIO/S3 for object storage.
- Utilized Docker for both local development and production deployment, streamlining the development workflow.

**Stack:** Typescript, React, NextJS, MySQL, NodeJS, Docker, Tailwind

### Fullstack Web Developer

Jun 2022 — Aug 2022

Enam Dua Teknologi - Freelance

Indonesia

- Developed end-to-end website with content management system
- Optimized UI performance using the Render-as-you-fetch pattern and Suspense to reduce significant load time.
- Applied Atomic Design principles to create modular and reusable UI components, enhancing development speed.
- Implemented real-time notifications via Server-Sent Events (SSE), improving task visibility for users.
- Translated Figma UI designs into an interactive React-based frontend, ensuring high design fidelity.

**Stack:** Typescript, React

## PROJECTS

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### RooCode ([roocode.com](https://roocode.com))

May 2025 — Present

- Actively contributed to RooCode's development, an open source AI agent that helps you write code
- Improved the context mention UI for better UX, worked on the initial UI for the Marketplace similar to VSCode's marketplace
- Worked on 30+ PRs, mostly UI-related improvements, bug fixes, and helped people in the community

**Stack:** Typescript, React, VSCode Extension API

### Mochimemo ([mochimemo.elianiva.my.id](https://mochimemo.elianiva.my.id))

Mar 2025 — Present

- Local-first Japanese language learning app that focuses on Spaced Repetition System with customisable AI agent

**Stack:** Typescript, React, SQLite

### Spectator ([github.com/teknologi-umum/spectator](https://github.com/teknologi-umum/spectator))

Jun 2022 — Jun 2023

- Developed a browser-based coding exam platform similar to HackerRank, with integrated telemetry for emotion tracking
- Enhanced user monitoring by implementing real-time tracking of facial expressions and engagement levels

**Stack:** Typescript, React, Docker

## EDUCATION

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### State Polytechnic of Malang

Malang

Bachelor's of Applied Science, Informatics Engineering

Aug 2022 — Aug 2026

- Cumulative GPA: 3.81/4.0