

# Dicha Zelianivan Arkana

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## WORK EXPERIENCE

**Fullstack Web Developer** April 2024 — Present  
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

**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

**RooCode (AI IDE Cursor Alternative)** ([roocode.com](https://roocode.com)) May 2025 — Present

- Actively contributed to RooCode’s development, an open source AI agent that helps you write code
- Worked on 30+ PRs, mostly UI-related improvements, bug fixes, and helping people in the community
- Got offered to work fulltime but wasn’t possible due to timezone issues, OSS contributor for now

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

**Mochimemo** ([mochimemo.elianiva.my.id](https://mochimemo.elianiva.my.id)) Mar 2025 — Present

- Developed a Japanese learning platform with a personalized AI agent and SRS-based flashcards, enhancing language retention.
- Engineered an adaptive learning system that personalizes study sessions based on user performance and preference.

**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

**State Polytechnic of Malang** Malang  
*Bachelor's of Applied Science, Informatics Engineering* Aug 2022 — Aug 2026

- Cumulative GPA: 3.81/4.0