

# Dicha Zelianivan Arkana

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A fullstack web developer with a passion for building web applications that are both user-friendly and efficient. I have 3+ years of professional experience in web development and have worked on various projects, both proprietary and open-source. I am proficient in both frontend and backend development using Typescript, NodeJS, React, and Laravel. I am also experienced in devops and have used Docker, Traefik, and Github Actions in my projects.

## EDUCATION

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### State Polytechnic of Malang

*Bachelor's of Applied Science, Informatics Engineering*

Malang, Indonesia

Aug 2022 — May 2026

- Cumulative GPA: 3.84/4.0
- Community Lead for Workshop Riset Informatika 2023/2024

## WORK EXPERIENCE

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### Fullstack Web Developer - Remote, Full Time

IPB Training, Global Scholarship Service Indonesia

Apr 2024 — Present

Bogor, Indonesia

- Initiated the use of Github Action for CI/CD pipeline
- Used Javascript and Typescript to build and maintain learning platform
- Instrumented Sentry for better tracing and better error reporting to improve bug fixing downtime
- Built finance system for managing company's financial data
- Developed a multi-tenant CMS similar to SkillAcademy by RuangGuru using Laravel

### Fullstack Web Developer - Remote, Freelance

Chanolja, PT Healstation Indonesia

Jan 2023 — Apr 2023

Cheonan, South Korea

- Building Content Management System for a South Korean mobile app that accommodates car, camp car, and camping site rent in one app
- Designed the database schema along with other developer
- Used Next.js with Typescript, tRPC, Prisma, and Tailwind to maximise the development speed - and user experience of the CMS
- Utilised MySQL as the database and MinIO/S3 as the object storage
- Used Docker for both local development setup and easy deployment solution

### Frontend Web Developer - Remote, Freelance

Enam Dua Teknologi

Jun 2022 — Aug 2022

Malang, Indonesia

- Developed a Task Management System for J99 Corp. Holding similar to Jira using React, React Hook Form, React Query, Typescript, and ChakraUI
- Applied Render-as-you-fetch pattern using Suspense to improve the User Experience of the app
- Applied Atomic Design in React to make sharing components easier
- Collaborate with other frontend and backend developers to build a task management system
- Implemented Figma UI design into an interactive React UI
- Used SSE to implement notification feature

## EXTRACURRICULAR ACTIVITIES

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### Workshop Riset Informatika

Oct 2022 — Present

- Community Lead for 2023/2024 period
- Helped to teach and mentor students in web development and programming in general
- Helped to organize and manage the events for the community
- Became a speaker several times giving talks about technologies and programming

## SKILLS

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- **Programming Languages:** Javascript, Typescript, PHP, SQL, C#
  - **Technologies:** React, Remix, Astro, Svelte, Tailwind CSS, Git, Docker, Traefik
  - **Soft Skills:** Leadership, Communication, Problem Solving, Teamwork

## PROJECTS

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**Fullstack Web Developer**, RWIS ([github.com/integer-class/rwis-3](https://github.com/integer-class/rwis-3)) Mar 2024 - Jul 2024

- RWIS is a web-based information system for managing the data of a village
- Developed the website using Laravel and the Whatsapp Bot using Go
- Fine tuned Google Gemini as a customised AI assistant

**Fullstack Web Developer**, Room Tenant System ([github.com/integer-class/final-project-group-4](https://github.com/integer-class/final-project-group-4)) Aug 2023 - Dec 2023

- Developed a system for managing room tenant in State Polytechnic of Malang
- Built the website using native PHP and used SQLServer as the database
- Developed mini-framework similar to Laravel and ASP.NET Core using the latest PHP feature

**Mobile Developer**, Jisho Lens (<https://github.com/elianiva/jisho-lens>) Mar 2022 - Aug 2022

- Built an app to help learning Japanese by immersion that works similar to Google Lens
- Used Flutter, Riverpod, SQLite, and Google ML Kit to build the app

**Backend Developer**, Pesto (<https://github.com/teknologi-umum/pesto>) Oct 2022 - Sep 2023

- A custom remote code execution engine for competitive programming purposes
- Built using Typescript and NextJS from the ground up
- Used Docker to isolate the execution environment

## LANGUAGES

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- **Indonesian:** Native
- **English:** Professional working proficiency