

Bright Misael Zega

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EDUCATION

College

Padjajaran University | *Geophysics* | Sumedang, Indonesia

(August 2023 – Present)

WORK EXPERIENCES

Betr Beta | Singapore, Singapore

React Developer (Mar 2024 – June 2024)

- Developed and maintained web applications using Next.js, ensuring efficient server-side rendering and optimal user experience.
- Utilized Cypress with Cucumber framework to write and run end-to-end tests.
- Integrated Firebase for user authentication, real-time data storage, and cloud functions.

Outlier | California, United States

Software Engineer for AI Training Data (Aug 2024 – April 2025)

- Managed and processed over 200 datasets for LLM training.
- Developed and fine-tuned Large Language Models (LLMs) using multiple programming languages including Python, Swift, C++, JavaScript, Java, and C#.
- Applied programming logic effectively to ensure the language output from the LLM was accurate and relevant.

PROJECT EXPERIENCES

HIMA Geofisika PEDRA | Sumedang, Indonesia

Web Developer | (Dec 2024 – Dec 2024)

- Designed and developed an e-voting website using PHP, Bootstrap, and SQL, featuring login authentication for admins and voters, as well as real-time results display.

- Created an admin dashboard for managing voter and candidate data, including adding, editing, and deleting records.
- Built a responsive user interface with Bootstrap for the frontend, integrated with a PHP backend and SQL database to store election data.
- Deployed the application online, ensuring system accessibility throughout the election period.

Geotrap Event | Sumedang, Indonesia

Web Developer | (Mar 2025 – May 2025)

- Developed a fully responsive and dynamic event website for the Geotrap 2025 competition using Next.js, Typescript, and Tailwind CSS.
- Built clean, consistent UI with Tailwind CSS and implemented engaging scroll animations using Framer Motion.
- Collaborated with the media and event organizing teams to manage and present content effectively.

ORGANIZATION

Head of Human Resources and Organizational Development | **HIMA Geofisika PEDRA** (Feb 2025 - Present)

- Facilitate training and development programs to enhance staff skills and competencies.
- Develop and maintain each staff so that they remain in their responsibilities.
- Conduct thorough analysis of organizational issues to identify root causes and implement strategic solutions.

SKILLS

- **Soft Skills:** Analytical Thinking, Problem Solving, Leadership, Teamwork
- **Tools:** Visual Studio Code, Wordpress, Git, GitHub
- **Full-Stack Development:** PHP, JavaScript, React, Node.js, HTML, CSS
- **AI and Machine Learning:** LLM development, model fine-tuning, language optimization
- **Frameworks:** Next.js, Bootstrap, Tailwind CSS
- **3D Animation:** Three.js
- **End-to-End Testing:** Cypress with Cucumber Framework
- **Databases:** MongoDB, Firebase, SQL
- **Web Design:** Figma