Brilian Natanael Zega

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EDUCATION

Bandung Institute of Technology | Bandung, Indonesia

B.Sc. *Geophysical Engineering* (August 2017 – January 2022)

- Seismic Hazard Potential in Yogyakarta Based on HVSR Curve Estimation | International of Physics Journal (IOP). Link: pdf (iop.org)

WORK EXPERIENCES

Geonet.me | Melbourne, Australia

*Software Engineer (*Sept 2023 – ***Present)***

- Develop and design software components for marketing, properties, and squaremetre apps using NextJs.
- Architect and implement 20+ versatile page builder for website sections and elements.
- Create APIs using NestJs for marketplace apps that integrated on prisma SQL Databases and deployed the APIs on AWS Service.
- Collaborate with the team to discuss, evaluate, and enhance project progress.

Freelancer | Bandung, Indonesia

*Software Engineer (*Dec 2022 – *Oct 2023)*

- Created web landing page and dashboard using NextJs based on the user design and requirements.
- Developed and executed the e2e and component automation testing using Cypress Typescript (Angular and React).
- Tested the application services (SIT) such as APIs test, database migrations, and performance test using Postman and JMeter.

Bank Central Asia (BCA) | Jakarta, Indonesia

Quality Assurance Analyst (June 2022 – Dec 2022)

- Designing a Manual and Automation Test to validate custom software products and determine product quality readiness.
- Involved in 5 SCRUM teams to discuss the requirements, test plan, test execution, and implementations.
- Created a simple and accurate scenario planning so can be easy to reuse related to Web Applications and Query Database.
- Managed the Testing Factory to execute the plans appropriately and reviewed the test results to ensure feasibility.

Braga Technology | Remote, Indonesia

Frontend Engineer (Mei 2022 – June 2022)

- Participated in creating 2 government websites using NextJs.
- Collaborated with UI/UX and Backend team to slicing the mockup and integrate the API.

Quorum Nusa Prestasi | Jakarta, Indonesia

Frontend Developer (Mar 2022 – June 2022)

- Participated in developing and creating 3 functional features of QNP applications product.
- Collaborated with backend to integrate the API into web application.
- Implemented the enhancements that improved web functionality and responsiveness.
- 1-month project for helping QNP client (**JobTech |** Singapore) to build DBS Web.

COURSES

LLM Engineer: Master AI, LLM & Agents | Ligency Team (Dec 2025 – Jan 2025)

- Improved web development skills through creating front/back-end APPs.
- Mastered in web developer tools and image-processing skills.

Web Development Course 2022 | OnlyKiosk Tech (Feb 2022 – April 2022)

- Improved web development skills through creating front/back-end APPs.
- Mastered in web developer tools and image-processing skills.

ORGANIZATION

Senator | **HIMA TG "TERRA" ITB** (Jan 2020 – Dec 2020)
- Informed, Voiced, and Established the important issues to members.
- Made 3 infographic videos and posters for members to understand easily.
- Managed and encouraged staffs to perform their respective responsibilities.

SKILLS

- **Tools**: Git, SVN, Figma, Postman, DBeaver
- **Skills**: React, NextJs, NodeJs, NestJs, Prisma/Type ORM, tailwindcss, cypress, AWS
- **Agile tools**: JIRA, Teams