Brilian Natanael Zega

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EDUCATION

Bandung Institute of Technology | Bandung, Indonesia
B.Sc. *Geophysical Engineering* (August 2017 – January 2022)
- **Grade**: 3.02/4.00
- Supervised by Dr. Ir. Zulfakriza

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.

Jatis Mobile | Jakarta, Indonesia
*System Integration Testing – Middle Officer (*Jan 2023 – Aug 2023*)*
- Participated in requirement review processes to discuss architectural flows and client perspectives.
- Deployed applications to staging servers for validation against given requirement criteria.
- Conducted API testing and database query checks and executed performance testing using JMeter by injecting large data sets.
- Involved in 2 products related to payment products on Web and Mobile Applications.
- Developed and executed the automation testing using Java Selenium related to e2e product test.
- Documented and reported test results, logging defects, and provided clear and concise bug reports to developers and users.

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.

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.

PROJECT EXPERIENCES

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.

SimpliDOTS | Remote, Indonesia

QA Automation (Feb 2023 – Aug 2023)
- Designed and developed automation testing such as UI Testing and Component Testing using Cypress.
- Created the test reusable for Web and mobile platform.
- Documented and reported the automation result that integrated on slack platform so all IT members can check the result.

Braga Technology | Remote, Indonesia

Frontend Engineer (Mei 2022 – June 2022)
- Participated in creating 2 government websites.
- Collaborated with UI/UX and backend team to slicing the mockup and integrate the API.

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.

COURSES

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.

PUBLICATIONS

Publication | International Seminar on Earth Science and Technology (Dec 2021)
- Published in International of Physics Journal (IOP) pdf (iop.org)

SKILLS

- **Tools**: Git, SVN, Figma, Postman, DBeaver
- **Skills**: NextJs, NodeJs (NestJs), Prisma/Type ORM, tailwindcss, cypress, AWS (ECS Fargate)
- **Agile tools**: JIRA, Trello, MSTeams