Gregorius Jovan Kresnadi

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WORK EXPERIENCE

Solecode

Software Engineer   *February 2023 – Present*

- Developing a **document storage management system** using **Java** with **Spring** & **ZK** framework, **streamlining business workflows** across all branches of an Indonesian financing company.
- Led a team of 3, **restructuring** a Human Resource management app using **Flutter**, implementing **state management** with Riverpod, **caching**, and building reusable components, resulting in a **reduction of over 10,000 lines of code**.
- Developed **core back-end logic** for an **oil reservoir and well management system** of an Indonesian oil and gas company using **.NET MVC**, **reducing development time** by **30%**.
- Maintained a **Next.js fullstack boilerplate** to **bootstrap** future company **projects**.
- Developed **back-end services** for a thesis management and student **study plan platform** for a private university in Jakarta, using **C#** with **ASP.NET Core**, **Redis, Azure CosmosDB**, and **Azure cloud services**.

DANA Indonesia

Front End SDET Intern   *August 2021 – February 2022*

- **Ensured high-quality user experiences** for lifestyle services and mini-program features through automated testing on iOS devices using Selenium and Xcode, increasing test coverage to **95%.**
- **Developed test suites** for **end-to-end**, **regression,** and **system integration tests** using XMind and Testrail.
- Assisted in monitoring during high-traffic events and post-deployments, reporting issues in Jira with severity and priority classification.

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SDET Intern   *June 2021 - August 2021*

- **Increased** regression **test coverage** to **95%** for checkout and promotion features.
- Developed **test cases** using **Behavior Driven Development (BDD)** to enhance developer productivity.
- Created **automated tests** for **API & UI testing** using Cucumber & Selenium.

EDUCATION

B.Sc. in Computer Science   **Institut Teknologi Bandung**   *2018 – 2022*

- *Cum Laude* (GPA 3.62)
- Vice Head of Publications Department, Informatics Student Union (HMIF ITB)

PROJECTS

Gradle Visualizer

- A web tool to visualize Gradle dependencies in an interactive 3D graph.
- Allows users to easily navigate and understand the dependency structure and identify potential conflicts & issues.
- Built using **React Three Fiber**, a React renderer for **Three.js**, integrated into a **Next.js** app.

Porsee

- Porsee is an Indonesian online food catering service delivering fresh ready-to-cook ingredients to your doorstep.
- Built a **Next.js** website, developed back-end services using **Firebase** with integrated **Google Analytics**.
- Deployed on a **DigitalOcean** droplet with **Docker**.

SKILLS

Programming Languages — C#, Java, JavaScript, TypeScript, Golang, Dart
Frameworks & Tools — .NET Core & MVC, Razor Pages, Blazor, Spring, React, Next.js, Vite, Tailwind CSS, Flutter, MySQL, PostgreSQL, Azure CosmosDB, OracleDB, Redis, Firebase, Docker, Figma, Three.js, Git, GitHub Pages, Vercel
Communication — Bahasa Indonesia (Native), English (IELTS Academic band 8)
Interests — HomeLab, 3D Printing, Cycling