Gregorius Jovan Kresnadi

Bandung, Indonesia • jovan.kresnadi@wolven.dev • +62-812-2282-3307

LinkedIn • GitHub • wolven.dev

WORK EXPERIENCE

Solecode

Software Engineer   *February 2023 – Present*

- Led a team of 3, **restructuring** a Human Resource management app using **Flutter**, implementing **state management**, **caching**, and building reusable components, resulting in a reduction of over **10,000 lines** of code.
- Unified **React TypeScript** UI components into a **Storybook** UI library with **Vite**, **Tailwind**, and publishing it as an internal **npm package** to reduce development time by **50%**.
- Developed an **oil reservoir and well management system** of an Indonesian oil and gas company using **.NET MVC** and **Razor Pages**, optimizing **user flow & experience**.
- Maintained a **Next.js code boilerplate** to **bootstrap development** setup in 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**, **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.

Blibli.com

SDET Intern   *June 2021 - August 2021*

- Increased regression **test coverage** to **95%** for checkout and promotion features.
- Developed **test cases** using **Behavior Driven Development** 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**
- **Vice Head of Publications Department,** Informatics Student Union (HMIF ITB)

PROJECTS

Gradle Visualizer

- A web tool to visualize Gradle dependencies into 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 food catering service delivering fresh ready-to-cook ingredients to your doorstep.
- Built a **Next.js** website, using **Firebase** as Backend-as-a-Service with **Google Analytics** integration.
- Deployed on a **DigitalOcean** droplet with **Docker** to support containerization.

SKILLS

Programming Languages — C#, JavaScript, TypeScript, Java, Golang, Dart

Frameworks & Tools — .NET Core & MVC, Razor Pages, Blazor, React, Next.js, Vite, Tailwind CSS, Flutter, MySQL, PostgreSQL, Azure CosmosDB, OracleDB, Firebase, Docker, Figma, Three.js, Git, GitHub Pages, Vercel

Communication — Bahasa Indonesia (Native), English (IELTS Academic band 8)