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ABOUT ME

I am a results-driven, detail-oriented software engineer passionate about delivering products that users need. With experience in front-end, back-end, and full-stack web development, I am a versatile and adaptive professional who works efficiently and cooperatively in teams to deliver high-quality, maintainable products.

At Solecode, I progressed from having minimal back-end experience to becoming proficient in **C#** and the **.NET framework**. Within a year, I was developing **robust, efficient, and reusable components** across both front-end and back-end. By **understanding key user needs** and **developer pain points**, I created components that **reduced development time** for repetitive tasks by up to 80%, enabling early product delivery with additional polish.

Driven by curiosity, I pursue **front-end projects** on the sidelines using **React**, **NextJS**, and **TailwindCSS** as my primary stack, exploring technologies like **Vite**, **Firebase**, and **Docker**, while aligning to user requirements. I'm currently expanding my back-end expertise by learning **Go**. With a strong commitment to self-improvement, I eagerly tackle challenges, explore innovative technologies, and look forward to collaborating with future peers.

WORK EXPERIENCE

Solecode

Software Engineer

February 2023 – Present

Solecode is an IT Consulting and Services company focusing on rapid delivery, intuitive design, convenient experience, high agility, and more understanding with clients.

- Develop a **UI component library** to be used in future company client projects using **React Typescript** with **Vite**, utilizing **TailwindCSS**, and **Storybook** as a front-end workshop for UI development, with the final deliverable as an **npm package**.
- Develop **UI components** and **back-end services** for a resource management website of an Indonesian oil and gas company using **C#** with **ASP.NET MVC** framework.
- Maintain **code boilerplate** for a **NextJS** repository to be used in future company client projects.
- Develop back-end services for a thesis management website, and a student study plan website of a world-class private university in Jakarta, using **C#** with **ASP.NET Core** framework, **Azure CosmosDB** as NoSQL database, and **Azure cloud services**.
- **Techs:** C#, ASP.NET Core & MVC, HTML, CSS, JavaScript, React, NextJS, TailwindCSS, Vite, Azure CosmosDB, OracleDB, Storybook

DANA Indonesia

Front End SDET Intern

August 2021 – February 2022

DANA Indonesia is a payment gateway company aiming to replace traditional wallets with their digital platform.

- **Assure the quality of user experience** on features of lifestyle services and mini programs by performing tests on **iOS** devices using **Selenium** and **XCode**, **increasing test coverage** to up to 95%.
- **Develop test suites** and test cases using **XMind** and **Testrail** for **end-to-end tests**, **regression tests**, and **system integration tests**.
- Perform **On Duty Monitoring** for bugs and reports during **high traffic events and post-deployments**, creating **JIRA** tickets with severity and priority reports for occurring issues.
- **Techs:** Java, Cucumber, XCode, Appium, Selenium, Testrail

Blibli.com

SDET Intern

June - August 2021

Blibli.com is an omnichannel e-commerce platform and lifestyle ecosystem in Indonesia.

- **Increase regression test coverage** to up to 95% on checkout and promotion features by developing **test cases** using **Behavior Driven Development** and **creating automation** for **API & UI testing** using **Cucumber & Selenium**.
- Maintain sanity test and integration test at 100% coverage.
- **Techs:** Cucumber, Selenium, Java, Kafka

Course management in ITB is divided into several laboratories. Programming Lab manages Data Structure and Algorithm course, Object Oriented Programming course, and Web Development course.

- Assist and **supervise** students in **coding lessons** and practice using Olympia learning platform.
- **Manage development** of students' **project assignment** for Data Structures & Algorithm course.
- Arrange and grade students' project assignment for Object Oriented Programming course.
- **Techs:** C#, Java, C++

EDUCATION

B.Sc. in Computer Science	Institut Teknologi Bandung	<i>2018 – 2022</i>
<ul style="list-style-type: none">• Cum Laude• Vice Head of Publications Department at Informatics Student Union (HMIF ITB)		

PROJECTS

- **wolven.dev (2024)** – wolven.dev is my own personal portfolio website. I built it using **React Typescript** with **Vite** as a bundler, **TailwindCSS** to style components, and deployed it to **GitHub Pages**. <https://wolven.dev>
- **Porsee (2024)** – Porsee is an Indonesian food catering service delivering fresh ready-to-cook ingredients to your doorstep. Porsee aims to bring restaurant quality food to your home kitchen, complete with the experience of cooking it yourself. I built the website using **NextJS** and **Firebase** as Backend-as-a-Service, deployed to a **Digital Ocean** droplet with **Docker** to support containerization. Porsee's business is currently halted but the website is temporarily hosted in **Vercel** and available to view as a demo. <https://porsee-website-demo.vercel.app/>

TECHNICAL SKILLS

Programming Languages — C#, C++, JavaScript, Typescript, Java, Go

Technologies — .NET Core & MVC, React, NextJS, Vite, MySQL, Postgres, Azure CosmosDB, OracleDB, Firebase, Docker, Git

Other Skills — Data Structures and Algorithms, Object Oriented Programming, Web Development, Collaboration, Teamwork, Project Management

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