

# Gregorius Jovan Kresnadi

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## ABOUT ME

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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 collaborates efficiently to build high-quality, maintainable products.

At Solecode, I advanced from minimal back-end experience to proficiency in **C#** and the **.NET framework**. Within a year, I developed **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 faster and more polished product delivery.

Driven by curiosity, I explore **front-end projects** in my spare time using **React**, **Next.js**, and **Tailwind CSS** as my primary stack while experimenting with technologies like **Vite**, **Firebase**, and **Docker**. I am currently expanding my back-end expertise by learning **Golang**. With a strong commitment to self-improvement, I eagerly tackle challenges, explore innovative technologies, and look forward to collaborating with future peers.

## WORK EXPERIENCE

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### Solecode

#### Software Engineer

February 2023 – Present

Solecode is an IT consulting and services company specializing in rapid delivery, intuitive design, convenient experience, high agility, and better client collaboration.

- Developing **back-end services** and **web pages** for a budget monitoring system using **Blazor .NET Web Framework**, **Tailwind CSS**, and **PostgreSQL DBMS**.
- Developing a **UI component library** in **React TypeScript** with **Vite**, utilizing **Tailwind CSS**, and **Storybook** as a front-end workshop for UI development, and publishing it as an **npm package** for future projects.
- Built **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 and **Razor Pages**.
- Maintained a **Next.js code boilerplate** for streamlined development in future projects.
- Developed back-end services for a thesis management website and a student study plan platform for a world-class private university in Jakarta, using **C#** with **ASP.NET Core** framework, **Azure CosmosDB** as NoSQL database, and **Azure cloud services**.
- **Technologies:** C#, ASP.NET Core & MVC, Blazor, Razor Pages, HTML, CSS, JavaScript, TypeScript, React, Next.js, Tailwind CSS, 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.

- **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** and test cases for **end-to-end**, **regression**, and **system integration tests** using **XMind** and **Testrail**.
- Assisted in **on-duty monitoring** during **high-traffic events and post-deployments**, reporting issues in **JIRA** with severity and priority classification.
- **Technologies:** 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.

- **Increased regression test coverage** to 95% for checkout and promotion features by developing **test cases** using **Behavior Driven Development** and **creating automated tests** for **API & UI testing** using **Cucumber & Selenium**.
- Maintained sanity tests and integration tests at 100% coverage.
- **Technologies:** Cucumber, Selenium, Java, Kafka

The Programming Lab manages core Computer Science courses, including Data Structures & Algorithm, Object-Oriented Programming, and Web Development.

- **Assisted** and **supervised** students in **coding lessons** and practice using Olympia learning platform.
- **Managed** the **development** of **project assignments** for the Data Structures & Algorithm course.
- Designed and graded project assignments for the Object Oriented Programming course.
- **Technologies:** C#, Java, C++

## EDUCATION

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

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

## PROJECTS

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- **wolven.dev (2024)** – A personal portfolio website built using **React TypeScript** using **Vite** as a bundler, styled with **Tailwind CSS**, and deployed on **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 **Next.js** and **Firebase** as Backend-as-a-Service, deployed on a **DigitalOcean** droplet with **Docker** to support containerization. Porsee's business is currently halted but a demo website is hosted on **Vercel**. <https://porsee-website-demo.vercel.app/>

## TECHNICAL SKILLS

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**Programming Languages** — C#, C++, JavaScript, TypeScript, Java, Golang

**Technologies** — .NET Core & MVC, Razor Pages, Blazor, React, Next.js, Vite, Tailwind CSS, MySQL, PostgreSQL, Azure CosmosDB, OracleDB, Firebase, Docker, Git, GitHub Pages

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

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