Ratu Kila Fatimah

Software Engineer

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Summary

Frontend Software Engineer with a year of experience building and maintaining web applications for Wealth Management platforms. Developed multiple core modules, resolved critical bugs, and optimized frontend performance using React and Redux to enhance system reliability and user experience, while collaborating with cross-functional teams. Strong self learner, proactive in applying best practices and modern frontend tools to deliver high quality solutions.

WORK EXPERIENCE

PT Praisindo Teknologi - Jakarta Selatan   Aug 2024 – Aug 2025

Software Engineer (Full time)

- Develop and maintain 20+ enterprise level Wealth Management System modules, including 10+ modules built from scratch, covering transaction, approval, marketing, and reference domains.
- Resolved hundreds of production bugs, significantly improving system stability and reducing recurring critical issues.
- Optimized application performance by reducing API calls across 5-10 modules, leads to faster page load times and smoother user experience.
- Designed and implemented reusable components and helper utilities across 10+ modules, accelerating development and minimizing code duplication.
- Improved overall UX quality through proper state management and interaction flow decisions (loading states, dialog vs page based flows), while applying React and Git best practices.

PLABS.ID – Bandung   Sept 2022 – Dec 2022

Software Engineer (Intern)

- Built 3 end to end projects (HTML/CSS, JavaScript, SQL) using public CSV datasets, applying core web fundamentals and data manipulation concepts.
- Communicated technical progress through daily stand ups and written documentation, demonstrating accountability and clear technical articulation.
- Presented completed projects to senior engineers and academic supervisors, validating problem solving approach and implementation quality.

UNPAD Numerical Methods Physics Laboratory– Sumedang   Feb 2021 – May 2022

Laboratory Assistant (Part time)

- Applied algorithmic problem solving using Python to implement and compare numerical methods (Bisection, Newton Raphson, Secant, Runge Kutta, Least Squares), strengthening computational thinking and solution accuracy.
- Mentored 8 student projects in Algorithms & Numerical Methods, guiding solution design, debugging, and implementation in Python.
- Evaluated and reviewed 330+ practical reports, enforcing coding correctness, algorithm efficiency, and adherence to problem solving standards.

EDUCATION

Universitas Padjadjaran   Aug 2019 – Jan 2024

Bachelor Degree of Physics (GPA: 3.41)

Thesis: *Wind Simulation in the UNPAD Jatinangor Campus Area using RANS (Reynolds Averaged Navier Stokes) Approach*

COURSE

React JS for Intermediate   Aug 2024 - Sept 2024

Key topics: React Component, Props, Router, Service Worker API, PWA, Next JS, Conditional Rendering, Event, State, Hook, SEO, Props Drilling.

SKILLS

- Frontend: HTML/CSS, JavaScript, TypeScript, React, Next.js, SCSS, Bootstrap, Tailwind, MUI.
- Backend: Node.js, NestJS, PHP, PostgreSQL, MySQL.
- Tools / Others: Git, GitHub, Azure, Python, C++, R, Perl.

LANGUAGE

- Bahasa (Native)
- English (Intermediate)