Patrick Roberto Halim

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SUMMARY

Undergraduate software engineer with 1+ year of work experience in designing and developing React-based web applications and REST APIs using Go. Proficient in building and deploying mobile applications with React Native and Node.js services. Seeking to leverage expertise in implementing REST API based services and developing applications across various platforms to deliver impactful solutions.

WORK EXPERIENCE

Front-End Developer (Freelance)   February 2025

- Designed and developed a dashboard page to monitor bot server.

Application Developer (Internship)   February 2024 - February 2025

Kalbe Consumer Health

- Developed a web application for digitalizing raw material data management, including inbound and outbound validation, stock correction processes, and multi-level approval workflows.
- Designed and developed a web application to upload and display Excel-based dashboard data, as well as record raw materials used in pharmaceutical production.
- Designed and developed a web application to document automated machine configurations by integrating machine data.
- Developed a web application for digitalizing employee assessments and performance tracking with multi-level approval workflows.
- Implemented REST APIs with Go, applying atomic design principles to the backend architecture.
- Built responsive user interfaces using the React-based Next.js framework, utilizing such as RSuite.

Content Creator (Part-Time)   April 2023 - February 2024

Pentens Indonesia

- Managed a team to coordinate content creation, ensuring timely delivery and high-quality output.
- Collaborated with a team to produce weekly content, totaling 7+ posts, including photos, videos, and visual designs.

Scholarship Mentor   February 2023 - January 2024

BINUS University

- Guiding 2 Computer Science students in 10+ sessions on Algorithms, Programming, OOP, Algorithm Design, Computer Network, and Computational Physics.

EDUCATION

BSc Computer Science   August 2021 - Expected 2025

BINUS University

- Current GPA: 3.92
- Awarded as a Scholarship Mentor for two consecutive semesters in the SASC Mentoring Program.
- Active activist of HIMTI for 2 terms, managing events and programs in the Creative and Design Division, including Program Kreativitas Mahasiswa, TECHFEST 2023, and LDKP 2023.
- Achieved a top 300 ranking out of thousands of participants in the Shopee Code League 2022.

SKILLS

Language: JavaScript, Go, TypeScript, Java, C, PHP, Python

Database: PostgreSQL, MySQL, Firebase, NoSQL

Framework: Next.js, React Native, Express.js, Laravel

Additional: Adobe Photoshop, Adobe Illustrator, Adobe Premier Pro

Soft Skills: Problem solving, critical thinking, attention to detail, time management, communication, collaboration, and self-awareness.