NGUYEN HO DANG (BRIAN)

JUNIOR BACKEND ENGINEER

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SUMMARY

Final-year software engineering student with strong backend development experience through internships and real-world projects. Passionate about building reliable systems and continuously improving engineering skills. Known for being proactive, detail-oriented, and a fast learner. Seeking a full-time backend position to grow professionally and pursue a long-term goal of becoming a Technical Lead.

EXPERIENCES

S5 Tech – Singapore
Jan, 2025 - Nov, 2025

Junior Backend Engineer

- Tech Stack: **TypeScript**, **Express.js**, **PostgreSQL**, **Redis**, **WebSocket**
- Built and maintained scalable backend services for an internal CRM system.
- Collaborated with PMs, CTO, and COO to clarify requirements and handle production issues.
- Prevented duplicate records using Redis mutex in high-concurrency scenarios.
- Resolved PostgreSQL deadlocks via better transaction design and query optimization.
- Improved performance by refactoring slow queries and applying proper indexing.
- Integrated WebSocket for real-time updates and Redis caching to reduce DB load.
- Worked closely with frontend and QA to ensure smooth, well-tested feature delivery.

FPT Software – Da Nang
July, 2024 - Aug, 2024

Intern Software Developer

- Tech Stack: **Java**, **Spring MVC**, **Spring Boot**
- Awarded "Best Mock Project" for outstanding performance in team-based software development.
- Built RESTful APIs using Spring MVC/Spring Boot, focusing on backend logic and data processing.
- Demonstrated strong team collaboration and independent problem-solving throughout the internship.
- Gained hands-on experience in a professional working environment, following clean code practices and version control with Git.
- Learned core skills in Java backend development, debugging, and real-world project workflows.

EDUCATION

VKU – Vietnam Korea University of Information and Communication Technology

Software Engineering | Sep, 2021 - Now | GPA: 3.6

ADDITIONAL INFORMATION

Programming Languages: Proficient in Java, JavaScript, TypeScript; experienced with Node.js (Express.js) and Spring Boot.

Databases: Skilled in PostgreSQL, MySQL, SQL Server; familiar with Firebase and MongoDB.

Tools and Technologies: Git (Git Flow), GitHub, Docker, Postman, CI/CD (GitHub Actions), RESTful APIs, basic AWS/Render.

Soft Skills: Good English communication, proactive, quick learner, effective in both individual and team environments.

Languages: Vietnamese (native), English (intermediate – working proficiency).