Nguyen Tan Khoi

Backend Developer

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SUMMARY

Final-year IT student with hands-on experience in Java Spring Boot, RESTful APIs, and Dockerized backend systems. Skilled in developing scalable web applications through academic and team projects. Seeking a backend entry-level role to apply technical expertise and contribute to production-ready software.

TECHNICAL SKILLS

- *Programming Languages:* Java, C#, JavaScript (basic)
- *Databases:* MongoDB, PostgreSQL, Oracle
- *Frameworks / Libraries:* Spring Boot, Spring Security, Lombok
- *Tools:* Git, SVN, GitHub Action, Postman, Docker
- *Concepts:* REST APIs, JWT, OOP, MVC

EXPERIENCE

Aipower - Developer Intern | *Java EE, Oracle, PostgreSQL, Postman*   **May 2025 - Aug 2025**
- Optimized API performance by refactoring database queries.
- Ensured reliability by testing endpoints in Postman and validating data with SQL queries.
- Designed and executed functional & regression test cases for API modules.
- Built internal tools (Excel-checker, SQL-query-binder) to support validation and query management, improving testing workflow.

PROJECTS

E-commerce website | *Java, SpringBoot, MongoDB, Docker*   Github
- Built authentication & role-based APIs with Spring Security & JWT.
- Developed product, cart, order, and review APIs.
- Integrated GHTK API for delivery fee estimation.
- Containerized backend with Docker for deployment.

Blogging website | *Java, SpringBoot, MongoDB, Docker*   Github
- Built secure login & role-based access APIs (Spring Security + JWT).
- Developed APIs for posts, comments, likes, profiles, reporting.
- Integrated Perspective API to auto-detect toxic content.
- Connected blog posts to Python TTS model for audio version.
- Deployed with Docker, ensuring consistent runtime environment.

EDUCATION

Bachelor of Information Technology   **Sep 2021 – Sep 2025**
HCMC University of Technology (HUTECH)
- Major in **Software Technology**
- **GPA: 3.45/4.0**

CERTIFICATES

- **English:** TOEIC LR 855 (05/2025)
- **Japanese:** JLPT N4 (07/2025)