PHAM DANG KHOI

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Summary

I am a highly motivated 3rd-year Software Engineering student with a strong backend development background. Passionate about AI and Computer Vision, I seek to build intelligent systems for real-world applications and grow into an AI Engineer specializing in Computer Vision.

Education

FPT University Campus HCMC Ho Chi Minh City, Vietnam
Software Engineering Studies at FPT University *2022 – Now*
- GPA: 8.1/10

Le Quy Don High School for the Gifted Ho Chi Minh City, Vietnam
Major of Mathematics *2019 – 2022*
- GPA: 9.2/10

Professional Experience

Python Developer Internship Ho Chi Minh City, Vietnam
FPT Software *12/2024 - 03/2025*
- Worked with backend development using FastAPI frameworks and maintaining APIs.
- Developed and maintained backend systems with a focus on data processing and API development.
- Gained hands-on experience with Scrum methodologies and participated in agile development processes.
- Collaborated with cross-functional teams to deliver scalable and high-performance solutions.

Achievements and Awards

Excellent Student Fall 2024
FPT University Campus HCMC Ho Chi Minh City, Vietnam

Projects

Feng-Shui Koi Consulting System Sep 2024 – N
Technologies: Java Spring Boot, React, TypeScript, Restful API, SQL Server, Spring Security, Oatuh2, GitHub, Firebase,
- **Description:** Developed a comprehensive web application providing expert advice on feng shui principles and suitability for Koi fish and ponds, including buying and selling recommendations.
- **Key Contributions:**
  * Integrated Firebase Cloud Messaging for real-time user notifications, boosting engagement with timely updates.
  * Engineered secure payment gateway integration using VNPay Sandbox for efficient transaction processing.
  * Designed and implemented robust Restful APIs, ensuring seamless front-end to back-end communication and data integrity.
  * Contributed to the full-stack development lifecycle, from database design to front-end components, ensuring cohesive functionality and optimal user experience.
- **Team Size:** 4
- **Position:** FullStack Developer
- **GitHub:** dangkhoipham80/FengShuiKoiConsultingSystem

Technical Skills

Languages: Java, Python, SQL (MySQL, SQL Server, PostgreSQL), HTML/CSS, JavaScript, TypeScript
Frameworks & Libraries: React, Spring Boot, FastAPI
Developer Tools: Github, GitLab, Docker, GitLab, Visual Studio Code, IntelliJ IDEA, Cursor, Colab, Jupyter
AI/ML: Machine Learning, PyTorch, TensorFlow
Computer Vision: YOLO