DANG VAN THIEN
SOFTWARE DEVELOPER

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Summary

Motivated Junior Developer with practical skills in **CakePHP, REST APIs, and SQL**, complemented by front-end experience in **HTML, CSS, and JavaScript**. Enthusiastic about learning and applying new technologies to deliver clean, scalable solutions. Aspiring to grow into a **Technical Lead** role in the next 4 years.

Technical Skills

Backend
- CakePHP
- RESTful API
- WebSockets, Redis caching

Frontend
- HTML5, CSS3, JavaScript (ES6), jQuery, Bootstrap
- AJAX

Database Management
- MySQL, MariaDB
- ORM: CakePHP ORM, Hibernate

Deployment
- Docker
- AWS (EC2, S3)

Version Control & Collaboration
- Git/GitHub
- Agile methodology

Other Skills
- Software Development Lifecycle (SDLC)
- Design Patterns, SOLID principles

Soft Skills

Problem-solving
Teamwork
Collaboration

Awards

Jan 2022 | FPTU
Honorable Student of Semester

Certificates

EF SET Certificate 60/100
- Ability to read specialized documents and communicate fluently.

Working Experience

Full-time Software Engineer   Oct 2024 - Present
FPT Software

Project: **Multi-store Booking Management System** (Team size: 61)
- Context: The client operated a chain of stores and required an enhanced booking management system to align with new business rules, ensure data accuracy, and support real-time synchronization.
- My Role: Backend Developer with cross-functional contributions
  - Designed and developed **RESTful APIs** handling thousands of booking transactions daily, ensuring smooth integration with other services.
  - Updated the multi-store booking flow on the staff-facing digital whiteboard, enhancing real-time interaction for employees and customers. Integrated key features such as **notifications, chat, and store check-in**.
  - Refactored legacy modules by applying **SOLID principles**, improving maintainability and system performance.
  - Participated in **code reviews, testing, and documentation** to enhance product quality and team collaboration.
  - Built UI modules with **HTML/CSS/JavaScript/jQuery**, enhancing the user booking experience.
  - Configured and managed **cron jobs for batch processing** and implemented **data encryption** to improve security and automate workflows.
  - **Delivered robust admin modules** for managing employees, products, stores, and customers, ensuring smooth operations.
  - **Implemented dynamic product pricing management** based on membership type and product category, with automatic application across the system.
  - Leveraged **AI-assisted coding tools** to accelerate development, improve code quality, and optimize system performance.
  - Researched and prototyped **AI Agent** integration into the development flow: model inference optimization using **BMAD method**, **prompt engineering**, learning to support dev team productivity.
- Outcome:
  - Delivered a stable booking system with **real-time synchronization across multiple branches**, reducing data discrepancies.
  - Improved booking flows, directly supporting smooth store operations.
- Tech Stack: PHP 8.2, CakePHP, MySQL, HTML/CSS/JS, AJAX/jQuery, Shell, Docker, Apache, RESTful API.

Education

FPT University   2020-2024
Bachelor's degree, Computer Software Engineering
GPA: 3.0/4.0 (Graduated December 2024)

Coursework

Software Development Lifecycle | Coursera   Aug 2022
Skills: Software Development Life Cycle (SDLC)

Google Project Management | Coursera   Jul 2023
Skills: Project Management