Phan Viet Toan

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PROFESSIONAL SUMMARY

Third-year Software Engineering student with a strong foundation in web development and user-centric UI/UX design. Proficient in ReactJS, JavaScript/TypeScript, and Django, with hands-on experience building responsive web apps and interactive user interfaces. Eager to apply frontend skills in a collaborative development team.

EDUCATION

SaiGon University   2022 – Present
Software Engineering (3rd Year)

COURSEWORK

Courses: Object-Oriented Programming, Data Structures & Algorithms, Software Development Methodologies (Agile, Waterfall,..), Object-Oriented Analysis & Design, Testing & Quality Assurance, Probability & Statistics,..

SKILLS

Frontend: HTML, CSS, JavaScript/TypeScript, ReactJS, Responsive Design, UI/UX
Backend: Django, PostgreSQL, REST APIs, Python
Tools: Git, GitHub, VS Code, AWS EC2, Figma
Soft Skills: Teamwork, Quick Learner, Communication, IELTS 5.5

PROJECTS

Online Music Player Website | *ReactJS, Django, PostgreSQL, a2a Protocol, Git, AWS EC2*   Feb. 2025 – Apr. 2025

- Built a Spotify-like music streaming platform with real-time audio playback, playlist management, AI chatbot, and user-to-user messaging using ReactJS and Django.
- Developed responsive ReactJS frontend using functional components and hooks, ensuring seamless cross-device compatibility.
- Implemented client/server architecture with Django and PostgreSQL, integrating a2a protocol for an AI chatbot to handle user queries and real-time messaging for user interactions.
- Deployed on AWS EC2 with Git for version control, optimizing performance for scalability and collaborating with a team to refine features based on user feedback.

Clinic Booking Website | *Java, Spring Boot, SQL Server, Thymeleaf, HTML/CSS, Git*   Feb. 2025 – Apr. 2025

- Developed a full-stack medical appointment booking system enabling patients to register, book appointments, and view doctor schedules in real time.
- Implemented backend with Spring Boot using RESTful APIs to handle user authentication, appointment logic, and role-based access control for admins, doctors, and patients.
- Designed dynamic web interface with Thymeleaf integrated into Spring MVC, providing real-time form validation and intuitive user experience.
- Used SQL Server to design a relational database with stored procedures, triggers, and joins to manage appointments, patient records, and availability.
- Applied MVC pattern for separation of concerns and used Git for version control and team collaboration.

INTERESTS

Language Learning and Strategic Thinking | *Personal Development*

- Pursuing English proficiency to enhance global communication and access to international frontend development resources. Playing chess regularly to sharpen strategic thinking, problem-solving, and pattern recognition — skills directly applicable to UI design and interactive logic.