

Vo Viet Dung Software Engineer

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TECH STACK

Artificial Intelligence & Machine Learning : TensorFlow, PyTorch, Pandas.	Programming Languages : Python, JavaScript, TypeScript, C/C++, SQL.
Front-end Development : React.js, Next.js, HTML5/CSS3, Tailwind CSS, Redux, Zustand.	Tools & DevOps : Git/GitHub, Bun, Node.js, Vercel, RESTful APIs, Postman, Docker.
Databases : MySQL, PostgreSQL, SQL Server, Firebase.	

PROFESSIONAL EXPERIENCE

FPT Software , <i>Software Engineer (UI/UX & AI Integration)</i>	12/2022 – 08/2023 Ho Chi Minh, Viet Nam
<ul style="list-style-type: none">• Designed and implemented the UI/UX architecture for a comprehensive pharmacy e-commerce platform, focusing on intuitive navigation and seamless user experience.• Engineered and integrated an AI-driven predictive text model into the search interface, analyzing user keystrokes in real-time to auto-suggest highly accurate pharmaceutical product names.• Optimized the overall product discovery process, significantly enhancing search efficiency and elevating customer satisfaction on the platform.	

PROJECTS

1. Public Administration Services System (PASCS) Front-end & AI Developer , Technologies: Next.js, React, Bun, Tailwind CSS, shadcn/ui, REST APIs, .NET, Docker, Vector Database, Vercel	
<ul style="list-style-type: none">• Engineered and integrated an intelligent AI Chatbot powered by Vector Database, .NET, and Docker to provide instant, automated consultations on administrative paperwork and system services, significantly enhancing customer support efficiency.• Architected comprehensive management dashboards utilizing Next.js and shadcn/ui, empowering administrators with full control over complex operations and real-time system monitoring.• Utilized Bun runtime to drastically accelerate project build times and successfully deployed the highly responsive, REST API-driven ecosystem on Vercel.	
2. HIV Treatment Support Platform Front-end Developer , Technologies: React.js, Vite, TypeScript, Tailwind CSS, REST APIs.	
<ul style="list-style-type: none">• Developed robust client-side logic bridging communication between doctors and HIV patients, enabling real-time prescription issuing and personalized medical treatment planning.• Built a secure and comprehensive patient portal featuring medical profile management, appointment scheduling, and automated medication reminders to improve patient care quality.• Implemented a scalable, type-safe architecture using React.js and TypeScript via Vite, styled with Tailwind CSS for an accessible and responsive user interface.	
3. KOI Fish Delivery Logistics System Front-end Developer , Technologies: React.js, Leaflet.js, CSS, shadcn/ui, REST APIs, Vercel.	
<ul style="list-style-type: none">• Integrated Leaflet.js mapping solutions combined with shortest-path algorithms to dynamically calculate precise A-to-B distances, automating shipping fee estimation and delivery time forecasting.• Designed and developed the end-to-end ordering interface, encompassing intricate order management logic and seamless payment processing flows.• Crafted a clean, intuitive user interface utilizing native CSS alongside shadcn/ui components, successfully deploying the production-ready application on Vercel.	

CERTIFICATES

- [Python for Everybody - University of Michigan](#)
- [Software Development Lifecycle | University of Minnesota](#)
- [User Experience Research and Design | University of Michigan](#)
- [CertNexus Certified Ethical Emerging Technologist | CertNexus](#)

EDUCATION

FPT University	11/2020 – 12/2025
<ul style="list-style-type: none">• Specialization: Artificial Intelligence (AI).• GPA: 3.0/4.0 (Good).• Key Coursework: Data Structures & Algorithms, Software Architecture, Machine Learning, Deep Learning, Advanced Web Application Development.	