

Dang Khoa Vo

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EDUCATION

University Of Science (VNU-HCM) <i>Bachelor's of Science, Software Engineering</i> <ul style="list-style-type: none">Cumulative GPA (Sept 2025): 3.88/4.0Honors: “Sinh Viên 5 Tốt” (Student of 5 Merits), “Thanh Niên Khỏe” (Healthy Student Certificate).Coursework: OOP, DSA, Web Application Dev, Software Testing, Game Development, Software Architecture, Mobile Dev.	District 5, Ho Chi Minh <i>Aug 2022 — Present</i>
High School for the Gifted (PTNK) <i>High School Diploma</i>	District 5, Ho Chi Minh <i>2019 — 2022</i>

SKILLS

- Languages:** C/C++, Python, JavaScript/TypeScript, C#, Java, Kotlin
- Web Stack:** ReactJS, NextJS, NestJS, ExpressJS, TailwindCSS, Redux, Zod, Vite
- Game Dev:** Unity (C#), GameMaker Studio, Pygame
- Data & Tools:** PostgreSQL, MongoDB, Docker, ELK Stack (Elasticsearch, Logstash, Kibana), Git/GitHub, Figma
- Testing:** Selenium, Playwright, JMeter, Postman

EXPERIENCE

Web Developer Intern HPT Vietnam Corporation	May 2025 - Aug 2025 <i>Thu Duc City</i>
<ul style="list-style-type: none">Completed 1-month intensive training followed by 3 months developing a full-stack E-commerce project.Engineered a scalable backend using Node.js (Express) and PostgreSQL, implementing JWT authentication and Zod validation.Developed a reactive frontend using ReactJS and Redux, integrating PayPal for payments and Google reCAPTCHA for security.Implemented ELK Stack (Elasticsearch, Logstash, Kibana) for centralized logging and monitoring.Collaborated in an Agile environment using Docker for containerization and Git for version control.	

PROJECTS

Full Stack Developer / Team Lead , Research Paper Management System	Capstone Project, 2025 - Present
<ul style="list-style-type: none">A digital platform to replace legacy paper forms for university scientific research requests.Features: Manages scientist resources, document submission flows, and automated reviewing processes.Tech: Node.js, React, PostgreSQL. Focused on role-based access control (RBAC) and document workflow automation.	
Full Stack Developer , Bidding Site (E-bay Clone) (github.com/dangkhoa-fakemonika/bidding-repo)	Group Project, 2025
<ul style="list-style-type: none">A real-time auction platform allowing users to post products and bid live.Real-Time: Leveraged WebSockets (Socket.io) for sub-second bid updates and live chat functionality.Backend: Implemented cron jobs to handle auction expiration and Email OTP for user verification.Tech Stack: React, Vite, TailwindCSS, ExpressJS, Zod, ELK logging.	
Game Developer , SERVED (Game) (github.com/dangkhoa-fakemonika/served-repo)	Group Project, 2025
<ul style="list-style-type: none">A pixel-art restaurant management simulator built in Unity (C#).Mechanics: Implemented a complex state machine for customer AI, inventory management minigames, and a dynamic cooking system.Design: Focused on “Game Feel” (juice), sound design, and difficulty balancing.	
Mobile Developer , Lookout - Event Tracking App (github.com/VoDangKhoa22CLC/T1_Repo)	Group Project, July 2024
<ul style="list-style-type: none">A mobile application for tracking and promoting campus events.Tech: Flutter (Dart) & Firestore.Features: Real-time data streaming from Firestore, Role-based Auth (Admin/Student/Organizer).	

- **Process:** Followed strict Agile methods with 2-week sprints and comprehensive documentation (Vision Doc, UI Design).

EXTRACURRICULAR ACTIVITIES

- Robotics IOT Club (HCMUS)**
- Jan 2023 — Present
- **Coach & Mentor:** Mentored junior students in programming fundamentals (Python/Scratch).
 - **Competitor:** Trained for and competed in local **ROBOCUS Contests** (2023, 2024, 2025), developing creative solutions for engineering problems.
 - **Workshop Organizer:** Assisted in organizing technical workshops for the university community.

- Xuan Tinh Nguyen**
- Jan 2023 — Feb 2023
- Volunteered to organize educational workshops at Phu Hoa Dong Elementary School and assisted at Thien Duyen social shelter.