

PHAN HUY HIEP

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WORK EXPERIENCE

CXVIEW TECHNOLOGY CORPORATION (Fullstack- Developer)

Jan 2024 - Present

- Solely responsible for developing customer-facing dashboards with ReactJS, Redux, MUI/Ant Design, focusing on real-time data visualization.
- Designed and implemented advanced dashboard features (heatmaps, roadmaps, interactive charts) using Chart.js, Recharts, ECharts.
- Developed and maintained backend services with FastAPI, Flask, Node.js, including new features, RESTful APIs, WebSocket, and system debugging.
- Implemented Excel export and reporting features for business analytics.
- Extended edge AI applications on Jetson Nano (C++) by adding MQTT integration to enable automatic door control via facial recognition.
- Optimized UI performance and enhanced overall user experience.

SKILLS

- **Technical Skills:**
 - Programming Languages: JavaScript, TypeScript, Python
 - Frontend: React.js, Redux, Material-UI, Ant Design, Tailwind CSS
 - Backend: Node.js, FastAPI, Flask, RESTful APIs, WebSocket
 - Database: MySQL, MongoDB
 - Tools & Platform: Git, GitHub, GitLab, Docker, MinIO, Postman
 - Messaging & Streaming: MQTT, Kafka, Redis
 - Other: Responsive UI design, charting libraries (Chart.js, Recharts, ECharts), debugging & performance optimization.
- **Soft Skills:**
 - Strong in teamwork and communication
 - Effective time management and problem-solving under pressure
 - Highly adaptive and self-motivated to learn new technologies

PROJECTS

Kiki Shop Online Clothing Store ([demo](#))

- A full-featured e-commerce platform replicating standard online shopping flow: product browsing, shopping cart, checkout, online payment (VNPAY), product reviews, and comments.
- Includes an admin dashboard for product, order, and user management, with sales statistics and reports.
- Features password recovery via email to enhance account security.
- Frontend: Developed with TypeScript, ReactJS, Redux, Ant Design, TailwindCSS, Chart.js, Swiper. Implemented responsive UI, real-time updates, and data visualization for admin statistics.
- Backend: Built with Node.js, MongoDB for authentication, order management, and data persistence. Integrated VNPAY payment gateway and Nodemailer for email-based password recovery. Managed media and product images via Cloudinary.
- account-demo: admin@gmail.com - admin.

Face Recognition & Management System ([github](#))

- Developed a face recognition system using ArcFace (PyTorch) for high-accuracy identification.
- Built a RESTful backend API with JWT authentication and MongoDB for user, department, and face data management.
- Implemented real-time face detection & recognition with secure and scalable file storage using MinIO.
- Designed a modular architecture supporting hierarchical department structures and future microservice integration.
- More features are being developed

Chat Rio Realtime Messaging App ([github](#))

- Backend Development: Built a scalable real-time chat system using FastAPI, WebSocket, Redis pub/sub, and MongoDB.
- Core Features: Implemented secure authentication, bi-directional messaging, typing indicators, and read receipts.
- Architecture: Designed for high performance and microservice scalability.

EDUCATION

Fpt Polytechnic

2021 - 2023

- Website programming

UNIVERSITY OF TRANSPORT AND COMMUNICATIONS (UTC)

2024 - 2026

- Information technology