Bui Cong Vinh

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Education

International University, Vietnam National University – Ho Chi Minh City   Sept 2022 – Present
BS in Computer Science

- GPA: 3.26/4.0
- **Coursework:** Data Structures and Algorithms, Principle Database Management, Web Application Development

Projects

Instameow – Full-stack Social Media Platform (GitHub Link – team of 3)
Full-stack social media app combining Instagram's visual focus with Facebook's sharing capabilities.

- Built backend with **Node.js**, **Express**, **PostgreSQL**, **Redis**, and **Socket.IO** for real-time messaging and notifications.
- Developed frontend using **React 19**, **Tailwind CSS**, **Redux Toolkit**, and integrated **Cloudinary API** for media storage.
- Implemented JWT authentication, Dockerized deployment, and optimized database schema for scalability.

LibMan – Library Management System (GitHub Link – team of 8)
Library management system for handling books, authors, members, and borrowing/returning workflows.

- Developed backend with **Java Spring Boot** and frontend with **React** + **TypeScript**.
- Implemented CRUD operations, real-time borrow/return workflows, and responsive search.
- Collaborated using Git, modular code structure, and clear documentation for fast onboarding.

Experience

- Have experience in developed full-stack web applications using **TypeScript**, **JavaScript**, and **Java** with **Spring Boot**, **Express.js**, **Next.js**, and **React.js**
- Implemented RESTful APIs, integrated with **PostgreSQL** and **MySQL** databases
- Enhanced frontend performance and user experience by applying **Tailwind CSS**, **DaisyUI**, and image management with **Cloudinary API**, reducing page load time and improving UI responsiveness
- Collaborated in agile team environments, leveraging **Git** for version control, conducting code reviews, and managing deployments

SKILLS

Technical Skills:

- **Programming Languages**: JavaScript, TypeScript, Java, HTML, CSS
- **Frameworks & Libraries**: React, Next.js, Express, Spring Boot, Tailwind CSS, Redux Toolkit
- **Databases**: PostgreSQL, MySQL, MongoDB
- **Tools**: Git, GitHub

Languages: Vietnamese (Native), English (Proficient)

Soft Skills:

- Strong interpersonal communication
- Teamwork and collaboration
- Adaptability and quick learning
- Problem-solving and critical thinking