

UYEN NGUYEN

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JUNIOR FULL STACK DEVELOPER

Junior Full-Stack Developer with 2 years of experience building robust, user-friendly applications using Java, Node.js, and Laravel for backend development, and React.js and Vue.js for dynamic, responsive frontend interfaces. Strong foundation in server-side logic and modern UI design, with ongoing exploration of cloud services to enhance scalability and performance. Currently expanding technical expertise in Data Science and Artificial Intelligence to stay ahead of industry trends and deliver innovative solutions. Known for excellent communication, strong time management, and a collaborative, hard-working approach that fosters effective teamwork and project success.

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- Frontend and Backend Development • Data structures and Collections • Object-Oriented Programming (OOP)
 - UI/UX • Microservices • Dependency Injection • Database Service • Web communication and Security Protocols

Languages: Java, JavaScript, TypeScript

Web: HTML, CSS, JSON, HTTP

Web Services: REST

Web/App Servers: Tomcat, Built-in PHP Development Server

Frameworks: Node.js, Laravel, React.js, Vue.js

Databases: PostgreSQL, MySQL, MariaDB, MongoDB

Design Patterns: Singleton

SDLC: Agile

Tools: Maven, Composer, Gradle, Vite, Webpack, Postman, GitHub, Jira, Atlas

Platforms: Windows

Big Data: Kafka, Minio

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

PROFESSIONAL EXPERIENCE

KATALYST, Ho Chi Minh, Vietnam • 07/2022 – 06/2024

Katalyst provides consultancy and implementation services in Data Warehousing, BI, Analytics, BPM, ECM, System Integration, and Software Customization across Vietnam and Indochina.

Software Developer

- Engineered and implemented a data portal called HANAS to streamline data processing solutions, enhancing pipeline efficiency for data engineers and centralizing data services to improve system performance.
- Contributed to the product development cycle of company data solutions such as HANAS, which enabled the company to launch new initiatives and successfully introduce products into the market.
- Developed the HANAS platform UI using React.js and integrated backend services including DataHub (metadata), Superset/PowerBI, Dremio (query engine), Apache Ranger (security), and Airflow/NiFi (workflow/pipeline), boosting engineer productivity and speed by 40%.
- Applied the Vue.js framework to design and deploy a fitness centre management system UI named RockFitness, leveraging Node.js for backend services and automating 80% of daily management tasks.
- Debugged and monitored system errors throughout the development lifecycle, conducting manual testing and producing testing documentation in collaboration with Business Analysts.
- Built and optimized the backend of a high-throughput messaging stream system for EVN (Electricity of Vietnam) leveraging Next.js and Apache Kafka.
- Collaborated with supervisors to prioritize and schedule tasks, evaluated feedback, and devised innovative solutions that enhanced code readability and boosted execution speed by 10%.

Technologies Used: Node.js (Express.js), React.js, Vue.js, IFrame, Laravel, Postman, Java, WebSocket, Webpack, Babel, nginx, Redmine, Sourcetree.

INTERNSHIP EXPERIENCE

SVTech, Ho Chi Minh City, Vietnam • 02/2022 – 06/2022

SVTech empowers businesses across Southeast Asia with system integration and technological excellence.

Business Analyst

- Met with customers to gather and analyze the requirements.
- Engineered a Figma demo for developers to proceed the development.
- Presented the product for both manager and customer.

Technologies Used: Jira, Figma.

ACADEMIC PROJECTS

Maharishi International University (2025)

- **Product management system:** Developed a full-stack web application that allows users to browse products, submit reviews, and provide ratings. Implemented RESTful APIs with Express + TypeScript and persisted data using Node's filesystem module (JSON storage). Built a responsive React + TypeScript frontend with state management (Redux Toolkit/Context API) and optimized performance using memoization techniques. Integrated product filtering, search, and real-time rating aggregation for enhanced user experience. Applied best practices for error handling, validation, and UI design. Utilized React.js, Node.js, Redux Toolkit/Context API.
 - **Ordering system integrated with ELK Stack:** This project is a Spring Boot-based application designed to stream data from an ordering system into the ELK Stack (Elasticsearch, Logstash, and Kibana) running in a Docker Compose environment. The solution enables both business analytics (orders, revenue trends) and technical monitoring (errors, performance metrics) through real-time, interactive visualizations in Kibana. Utilized ELK Stack (Elasticsearch, Logstash, and Kibana), Docker.
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PERSONAL PROJECTS

Employee management system (2024): Developed a mini enterprise application to manage employee data with Spring Boot REST APIs and a React.js interface. Integrated employee registration, update, and search functionalities with a user-friendly dashboard. Utilized Spring boot, React.js.

Expenses Tracker App (2024): Developed a backend system using Spring Boot to manage expense records through RESTful APIs. Implemented CRUD operations, input validation, and error handling to ensure reliable expense tracking.. Utilized Spring boot.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 10/2027)

Maharishi International University, Fairfield, Iowa

Key Courses: Web Application Programming, Modern Web Applications, Algorithms, Enterprise Architecture

Bachelor of Information Technology in Data Science

University of Canberra, Canberra, ACT (11/2022)

Diploma of Business in Accounting

University of Canberra College, Canberra, ACT (01/2020)