Nhat Le

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Fullstack Software Developer

Passionate software developer with over 8 years of professional experience in developing, maintaining, and deploying enterprise applications with backend and frontend development, utilizing technologies such as Spring Boot, Angular, React.js, and Vue.js. Hands-on experience working in Agile environments, collaborating with cross-functional teams to deliver high-quality software solutions efficiently. Passionate about designing, coding, testing, and troubleshooting applications, as well as deploying them through CI/CD pipelines.

Problem-solving ● Data Structure ● Object Oriented Programming (OOP) ● Design Patterns ● Web Application
Database Development ● Unit Testing and Debugging ● Code Version Control ● Software Development Lifecycle (SDLC)

Languages: Java, JavaScript, TypeScript
Web: JSP, Servlet, HTML, CSS, JavaScript, jQuery, Bootstrap, React.js, Vue.js, Material UI, PrimeNG UI
Web Services: Restful API
Web/App Servers: Apache, Tomcat
Frameworks: Spring MVC, Spring Boot, JSF, Express.js, Angular
Databases: MS SQL, MySQL, Postgres, MongoDB
Design Patterns: Singleton, Factory Method, Abstract Factory, Builder, Command, Iterator, Observer, Strategy, Template Method, Adapter, Composite, Decorator, Facade
SDLC: Agile (Scrum, Kanban), Waterfall
Tools: Maven, Ant, Eclipse, IntelliJ, GitHub Action, VSCode, SonarQube, JIRA, Azure (Azure Devops, Azure AD, Azure AppServices, Azure Blob Storage, Azure Function, Azure Cosmos DB), AWS (EC2, S3, DynamoDB, Lambda), Docker

PROFESSIONAL EXPERIENCE

*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).*

Bouygues Construction IT Viet Nam (VSL VietNam LTD), Ho Chi Minh, Vietnam ● 05/2021 – 05/2024
A global leader in the building, civil works, energy, and services sectors. Established to provide high-quality IT services, BYCN IT VN focuses on software development, system monitoring, security, and user support.

Sr. Software Fullstack Developer
Responsible for analyzing, designing, developing, and maintaining web applications that support both the back-office department and construction site operations.
- Created an enterprise Employee Management System using Java, Spring Boot, Angular, PrimeNG UI, MS SQL, SonarQube, Azure Active Directory, and Git, reducing paperwork by 70% and improving approval times by 60%.
- Developed a web application for validating concrete quality using Java, JSF, Primefaces, enhancing issue reporting efficiency, leading to a 40% reduction in response time for concrete quality issues.
- Maintained a vigilance management system using Java helping with monitoring, reporting issues via mobile app with photos, resulting in a 30% increase in operational efficiency.
- Resolved security issues based on the top 10 OSWAP report for a web application, streamlining document management processes, reducing manual errors by 60% and improving notification response times by 45%.
- Implemented a service based on Java, OpenID Connect (OIDC), and OAuth2, transitioned to Azure Active Directory (Azure Entra ID) for all the projects, enhancing security and reducing authentication issues by 35%.

Technologies Used: *Java, Spring MVC, Spring Boot, JSF, Primefaces, Angular, PrimeNG UI, MS SQL, Postgres, Azure Active Directory (Entra ID), SonarQube, GitHub Actions, OpenID Connect (OIDC), OAuth2.*

MTI Technology Da Nang, Da Nang, Vietnam ● 07/2018 – 04/2021
Specializes in digital transformation solutions, leveraging Agile and Lean methodologies. The company offers consulting services and AI-powered solutions designed to enhance efficiency and effectiveness.

Software Fullstack Developer
Responsible for designing, coding, testing, and maintaining web applications following Agile methodology.
- Contributed to the Conformance Suite using Java, Spring Boot, OpenID Connect, OAuth2 and other technologies, an open-source project managed by the OpenID Foundation, resolving 80 issues and successfully released milestones for FAPI tests, and CIBA-v1.

- Implemented video call feature in a healthcare system with JavaScript, TypeScript, React.js, AWS, and Twilio Video API, which facilitates video call connections between patients, doctors, clinics, and hospitals, boosting user satisfaction by 50% and reducing connection issues by 60% during COVID-19.
- Designed and deployed an eKYC solution for Japanese financial institutions using .Net Core, Vue.js, Azure Cloud Services, and biometric authentication, reducing account opening time by 50% and enhancing security compliance by 45%.

Technologies Used: *Java, Spring Boot, .Net Core, Express.js, React.js, Vue.js, Nuxt.js, HTML, CSS, JavaScript, TypeScript, Lodash.js, MS SQL, MongoDB, Gitlab CI/CD, SonarQube, Azure Cloud Services, AWS Cloud Services, Docker, Twillio Video API, OpenID Connect (OIDC), OAuth2.*

Transcosmos Technology Vietnam Co., Ltd (formerly Transcosmos Technologic Art), Ho Chi Minh, Vietnam ● 10/2015 – 06/2018
A Japanese agile software development and offshore company.
Software Developer
Responsible for analyzing, designing, developing, and maintaining high-scale web applications, including e-commerce and real estate platforms, tailored for the Japanese market.
- Developed and maintained an e-commerce web application using Java, Spring MVC, jQuery, MySQL and other technologies, enabling users to rent or purchase properties, achieving a 60% increase in user engagement.
- Improved an entertainment web application using Java, Spring Boot, AngularJS, and other technologies, allowing users to listen to music, watch movies, sing karaoke, and buy or rent DVDs/VCDs, improving user satisfaction and user engagement by 50%.
- Collaborated with teams in Japan and Vietnam to develop and maintain the [Dartslive Search web application](), using various technologies, which supports users in easily finding the nearest shop and visiting them, increasing user visits by 50%.
- Optimized the loading time for a CMS system using various technologies, which enables users to rent or purchase properties, including houses and apartments, resulting in a 50% increase in user visits.

Technologies Used: *Java, Spring Framework, Spring Batch, AngularJS, HTML, CSS, JavaScript, jQuery, JSRender, Bootstrap, MySQL, Oracle Database, Hibernate, Google Map API, SonarQube, GitLab, Shell Script, Linux.*

ACADEMIC PROJECTS

Maharishi International University (2024)
- **[Library System]():** Collaborated with a team to design and implement a solution using Java and Swing, including class and sequence diagrams. Utilized object serialization for data reads and writes, gaining practical understanding of Object-Oriented Principles.

- **[Daily Diary]():** Developed a fullstack web app using React.js (front end) and Express.js (back end). Focused on state management, API interactions, and component-based architecture. Users can submit, up-vote, and down-vote daily diary posts.

- **Car Rental System:** Developed a Fullstack ([backend]() & [frontend]() code) web application using React.js for the front end and Spring Boot for the back end. Streamlined the rental process and enabled the rental company to manage inventory and process payments efficiently.

- **[Banking Framework]():** Collaborated with a team to develop a banking framework using Java Swing, applying design patterns that we learned in the course.

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion 12/2026)
Maharishi International University, Fairfield, Iowa

Key Courses: Web Application Programming, Software Engineering, Advanced Software Development, Algorithm

Bachelor of Engineer (B.E.) in Information Technology
Da Nang University of Science and Technology, Da Nang, Viet Nam (09/2015)