

MAI NGUYEN

Senior Full Stack Developer

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Odessa, TX, United State

SUMMARY

Talented and skilled **Senior Full Stack Developer** with over 7 years of experience specializing in a wide array of web technologies including React, Angular.js, Next.js, Vue.js, MERN Stack, MEAN Stack, Wordpress, Shopify, Django, Flask, Java Core, and Spring Boot. Skilled in both front-end and back-end development, with expertise in responsive design and database management. A professional collaborative developer with a passion about researching and implementing new technologies, and a strong commitment to optimizing application performance and scalability.

SKILLS

JavaScript	Python	PHP	C/C++	C#	Java
HTML	CSS/SCSS	TypeScript	React	Next.js	
Angular.js	Vue.js	Responsive Design	Node.js		
Express.js	Nest.js	Spring Boot	Laravel	Django	
Flask	FastAPI	Wordpress	Shopify	MongoDB	
MySQL	SQLite	PostgreSQL	React Native		
Ionic Angular	Android Studio	Git	Github	Bitbucket	
Agile methodology	AWS				

EDUCATION

Master's Degree of Computer Science

FPT University

09/2011 - 05/2016

PROJECTS

Music DJ System

10/2023 - 01/2024 Yokohama, Japan

Short summary of your work

- Implemented a streamlined system using Node.js to extract vital metadata from equipment files, optimizing the workflow and enhancing efficiency by generating precise information for DJ equipment.
- Redesigned a robust SQLite database model to optimize data storage efficiency; integrated AES 256-bit encryption protocol to enhance data security and compliance with industry standards, ensuring protection of sensitive information.
- Architected and completed DJ software into a mobile application with Ionic Cordova and React Native; enhanced user experience and app stability, resulting in a 12% increase in user engagement and 15% increase in app ratings.

EXPERIENCE

Senior Full Stack Developer

Liferay

11/2023 - 01/2024 Diamond Bar, CA

Company Description

- Spearheaded the development of responsive user interfaces leveraging React.js, guaranteeing perfect performance and uninterrupted user experience on various devices and browsers, resulting in a 30% boost in customer retention and a 20% increase in revenue.
- Architected and refined MySQL database structures, streamlining data management processes; implemented indexing strategies that reduced data retrieval time by 50% and enhanced overall database performance.
- Launched and maintained web applications on Amazon Web Services (AWS), utilizing services like EC2, S3, and RDS for scalability, reliability, and security.

Senior Full Stack Developer

Alpha Theta

08/2023 - 11/2023 Yokohama, Japan

Company Description

- Directed a data analysis project on exported equipment files, employing Node.js to automate metadata generation for DJ equipment; streamlined the process, rising over 30% in usage rate.
- Led the development and integration of a mobile application utilizing Ionic and React Native, which led to a 30% increase in user retention rates and increased user satisfaction scores.
- Utilized Bitbucket for version control on 10 projects, collaborating with a team of 15 members.

Web Developer

Netflix

08/2022 - 06/2023 Los Gatos, CA

Company Description

- Engineered scalable solutions for responsive web applications with Next.js and TypeScript, resulting in a 30% reduction in server response times and a 20% increase in concurrent user capacity.
- Directed the overhaul of the streaming platform with backend system using Spring Boot, incorporating user feedback to enhance user experience; achieved a 20% rise in subscription renewals.
- Deployed and managed scalable infrastructure for web applications using AWS cloud services, managing infrastructure for 15 web applications.

PROJECTS

Business Data Management Website

📅 09/2022 - 02/2023 📍 Los Gatos, CA

Short summary of your work

- Piloted the transformation of the website through MERN Stack technologies, with a specific focus on optimizing the Analyze page; adeptly addressed intricate logic and UI bugs, leading to a 30% boost in conversion rates and a 20% increase in user satisfaction.
- Attained and deployed customized data transformation logic to interpret and evaluate various types of business data files, resulting in a 25% increase in data processing speed and a 25% improvement in data quality.
- Utilized the AWS EC2 and Lambda, deploy and manage the web application infrastructure, and optimizing the operational process.
- Spearheaded database optimization project for a high-traffic news website, leveraging indexing, caching strategies, and query optimization techniques; achieved a 50% decrease in load times and increased site responsiveness, leading to a 20% rise in daily active users.

Storyline Mission Game Website

📅 03/2020 - 08/2020 📍 Hanoi, Vietnam

Short summary of your work

- Engineered a visually stunning user interface by implementing advanced design principles and integrating seamlessly with the game engine using React and Next.js; resulting in a 40% increase in user convenience and a 25% boost in in-app purchases.
- Orchestrated the development of pixel-perfect user interface designs in collaboration with UX/UI designer, resulting in a 20% increase in customer satisfaction and a 20% decrease in bounce rate.
- Integrated the frontend with the powerful backend using Spring Boot and provided the strong security with Spring Security library, resulting in a 30% increase in private information security strength.
- Resigned the user interface as mobile responsive design, so increased the user convenience and user satisfaction.

ACHIEVEMENTS



Improved User Engagement and Ratings

Converted DJ software to a mobile app, resulting in a 12% increase in user engagement and 15% increase in app ratings



Boosted Conversion Rates and Satisfaction

Revamped Business Data Management website, resulting in a 30% boost in conversion rates and a 20% increase in user satisfaction



Decreased Load Times and Increased Users

Optimized high-traffic news website, achieving a 50% decrease in load times and 20% rise in daily active users

EXPERIENCE

Lead Web Developer

Savvycom

📅 11/2018 - 05/2022 📍 Hanoi, Vietnam

Company Description

- Revolutionized frontend components by implementing cutting-edge features in React.js and Material-UI, resulting in a 25% increase in user convenience.
- Completed RESTful APIs and microservices architecture using Nest.js, resulting in a 40% decrease in response time and a 25% increase in system scalability, accommodating a surge in user traffic.
- Assisted in the development of web products using Django and Flask frameworks, improving the entire code quality and increased development speed in a 30%.
- Contributed to the design and optimization of database schemas, implementing database using PostgreSQL in less than 3 days.

STRENGTHS



Skilled Developer

Experienced in a wide array of web technologies and possess both front-end and back-end development expertise.



Innovative Problem-Solver

Demonstrated ability to lead and complete projects with improved efficiency and engagement.