HUU HA DOAN

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SENIOR SOFTWARE ENGINEER

Skilled Developer with 12 years of professional experience working in coordinating technical resources, creating functional design, code review and technical documents. Effective team member who performs analysis to identify root cause, develop solutions, and implement improvements. Skilled in using technologies such as PHP, Laravel, CodeIgniter, CakePHP, PHPUnit, Vuejs, Typescript, and Angular

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Front End/Back End • OOPS • Project Lead • Development and Implementation • Microservices Database Development • Design Patterns • Object Oriented Programming

Languages: PHP, NodeJS
Web: HTML, JavaScript, CSS, Bootstrap, jQuery, TypeScript
Web Services: REST, JSON, SOAP
Web/App Servers: Apache, NGNIX
Frameworks: Laravel, VueJS, Zend, CodeIgniter, Angular, NodeJS, WordPress, PHPUnit
Databases: MySQL, MongoDB
Design Patterns: Observer, Iterator, Command, Mediator, State, Factory, Proxy, Singleton
SDLC: Agile
Tools: Visual Studio Code, eclipse, intelliJ, Trello, Git, Bitbucket, StarUML, Postman
Platforms: Window, Linux, AWS
Others: AWS Services (EC2, Lambda, S3)

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies for a **Master's Degree in Computer Science (Available for full-time employment).**

INTUITIVE REASON · 11/2023 – present
Jacksonville, Florida, United States

Senior software developer
Develop and maintain web applications using Symfony, YII, and mobile application using React native
- Developed and maintained full-stack web applications using Symfony, Twig template and MYSQL.
- Developed translation feature for mobile applications using react native
- Initiative and Cooperative with mobile applications team to create RESTful API from symfony project

Technologies Used: PHP(Symfony, YII), MySQL, HTML, JavaScript, React native, Bootstrap, REST, Apache

KENSOFT · 05/2016 – 01/2023

Senior software developer
Develop and maintain web applications using Laravel, PHPUnit, Vuejs, Zend and AWS
- Developed and maintained full-stack web applications using Laravel for the backend and Vue.js for the frontend.
- Manage and build up Infrastructure for the software, using AWS
- Leveraged the power of Laravel's RESTful APIs to create seamless communication between the frontend and backend.
- Implemented robust authentication and authorization systems using Laravel Passport
- Configured AWS RDS for database management and utilized Amazon S3 for object storage.
- Designed, deployed, and managed cloud infrastructure on AWS, utilizing services like S3, RDS, and EC2.
- Developed real-time features in Vue.js using technologies like WebSocket.io for live chat and notifications.
- Developed and manage over 100 domains using Vuejs and Nuxtjs, They communicate to same api gateway backend
- Configured AWS CloudWatch for monitoring application performance, logs, and alarms.
- Proficient in writing unit and integration tests using PHPUnit to ensure code quality and reliability.
- Optimized Laravel and Vue.js applications for performance, including query optimization, caching strategies, and CDN integration.

Technologies Used: PHP(Laravel, PHPUnit), MySQL, HTML, JavaScript, VueJS, Bootstrap, REST, Apache

SELDAT · 06/2015 – 04/2016
US owned company providing 3PL services related to order fulfillment (B2B), pick & pack, e-commerce logistics (B2C), warehousing and distribution and value-added services.

Senior software Developer
Working as php developer in Warehouse team, analytic and develop new features using laravel framework
● Led the end-to-end development of web applications using Laravel, ensuring code quality, scalability, and security.
● Collaborated closely with UI/UX designers to implement responsive and user-friendly interfaces.
● Mentored junior developers, providing guidance on coding standards, best practices, and architectural decisions.
● Optimized database queries and schema design for performance and efficiency, resulting in improved application speed.
● Collaborated with the team to build a warehouse module in order to manage and communicate with the user frontend site.
● Developed new features: Container, Buying request, Manage product using Laravel and JavaScript
Technologies Used: PHP(Laravel, PHPUnit), MySQL, HTML, JavaScript, Bootstrap, REST, Apache

MMSOFT · 01/2011 – 05/2015
Preferred supplier of IT Services and Business Solutions.

PHP Developer
As part of PHP team-participated in code reviews, designed and optimized relational databases.
● Developed and maintained web applications using PHP and Codeigniter framework, ensuring optimal performance, security, and scalability.
● Collaborated with designers and front-end developers to integrate user-facing elements with server-side logic, resulting in seamless user experiences.
● Participated in code reviews, providing constructive feedback to team members, and maintaining coding standards.
● Designed and optimized relational databases (MySQL) for efficient data storage and retrieval.
● Contributed to the continuous improvement of existing applications, enhancing code quality and user satisfaction.
Technologies Used: PHP, CodeIgniter, HTML, jQuery, Bootstrap, REST, Apache

ACADEMIC PROJECTS

Maharishi International University (2023) PedalPulse:
PedalPulse is the project for the journey of bicycle riding. It allows users to store the tracklog of every bicycle activity.
Utilized nodejs, AngularJS, MongoDB. Utilized Nodejs, MongoDB, Angular, TypeScript

Maharishi International University (2023) MasterMind:
Android app which helps students manage their courses and schedule. It will notify if there are any upcoming events and support students to take notes in each course. *Utilized Kotlin*

Maharishi International University (2023) Banking Framework:
Framework project, which allows users to create new bank applications based on that framework quickly. It provides some default functionalities and is open to extending new features. *Utilized Java, design pattern.*

EDUCATION

Master of Science in Computer Science
(Expected completion 10/2025)
Maharishi International University, Fairfield, Iowa

Key Courses: Modern Programming Practices, Mobile Device Programming, Modern Web Applications, Advanced Software Development, Algorithms

Bachelor in Computer Science
Dalat University, Da Lat, Vietnam (01/2011)