Vi Thành Sơn

Vietnam

PHP/LARAVEL
Developer

Contract

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Skills

Programming Languages

• HTML, CSS, JavaScript

• PHP, Laravel

• Java, Python basic

Frontend Technologies

About Me

I am a developer with around 3 years of experience, passionate about building optimized systems and integrating modern technologies into web applications. I focus on performance optimization, ensuring stability, and scalability. My career goal is to continue learning and growing to create innovative solutions that enhance user experience and improve operational efficiency.

Education

Bachelor of Software Engineering, Duy Tan University (Da Nang, Vietnam) (2017 - 2021)
GPA: 3.21 | Class: Good

Hobbies

- Exploring new technologies and frameworks
- Playing video games and football
- Reading books
- Traveling and learning about new cultures
- Enjoying diverse cuisines

Work Experience

Backend Developer

Role: Software Development Specialist

Company: SHB Finance - Saigon - Hanoi Commercial Joint Stock Bank | 7/2021 - 11/2023

Projects:

Loan Origination System (LOS):
Role: Backend Developer.
Work Description:
■ Analyzed business requirements and designed workflows for various loan application processes, tailoring solutions to meet business needs.
■ Developed and integrated APIs to enable seamless data exchange between LOS and external platforms, ensuring high scalability and reliability.

Skills (sidebar)

- React, Node.js
- SCSS (Sassy CSS)
- jQuery

Tools & Technologies

- Git, Docker
- ProcessMaker

Databases

- MySQL, PostgreSQL, Oracle
- MySQL Server

Soft Skills

- Problem Solving
- Teamwork
- System Flow Understanding
- Workflow Design

Language Proficiency

- English (Reading Comprehension)

- Optimized database queries to handle high transaction volumes, ensuring fast and stable system performance.
- Enhanced system security by implementing role-based access controls, encryption protocols, and secure authentication mechanisms.
- Led the design and implementation of a comprehensive credit card issuance workflow, a critical project for the company.
  - Built a new processing system from scratch, covering end-to-end integration with third-party services for credit checks and card issuance.
  - Designed and implemented a completely new credit card application process, integrating it with the LOS for the first time, enabling the company to issue credit cards alongside loan products.
  - Ensured compliance with financial and security regulations at every step of the development process.
- Designed and updated processing workflows, including:
  - Loan approval workflow, integrating various decision-making stages.
  - Credit card application workflow, handling both existing and new customer onboarding.
  - Debt collection workflow (CMS), connecting LOS with the CMS system for automated tracking and reporting.
- Integrated face recognition and CMND/CCCD verification as part of the authentication process through third-party services, enhancing security and preventing fraud.
- Integrated digital signatures into the loan contract process, enabling secure, paperless agreements in compliance with legal and regulatory standards.
- Acquired in-depth knowledge of LOS operations and related systems, including CMS (debt collection), CRM (customer relationship management), third-party credit scoring platforms, and integrated CIC data for credit evaluation and decision-making.
- Developed and optimized the system to handle a large-scale database, ensuring smooth management and processing of massive amounts of customer and loan data.
- Supported users during system operations by troubleshooting issues, fixing bugs, and ensuring smooth golive deployments for new features and system updates.

Team Members: Worked with a team of 4, including a Backend Developer (Java), a Quality Assurance Engineer, and a team

leader.

Technologies used: PHP, Javascript, RESTful API, Oracle, Git, Third-party services (Face Recognition, CCCD Verification), Digital Signatures, CIC Integration, RabbitMQ

Customer Data Management System:

Role: Project Owner.

Work Description:

- Developed and maintained a Customer Data Management System (CDMS) to centralize and manage customer-related information.
- Fixed bugs and ensured smooth system operation.
- Upgraded user interface for better user experience.
- Resolved critical bugs affecting system reliability.
- Designed a user-friendly interface, enhancing user satisfaction metrics.
- Implemented multi-level access control to enhance data security.
- Streamlined backend operations, improving API response time.
- Collaborated with stakeholders to introduce GDPR-compliant features.
- Developed features and tools to support operational needs, ensuring alignment with business processes.
- Provided ongoing support for the operations team, troubleshooting and resolving issues in real time.

Team Members: Solely responsible for all development and operations.

Technologies used: PHP, Laravel, Javascript/Jquery, Oracle, JWT, OAuth2, Docker, RESTful API

Products Data Management System:

Role: Project Owner.

Work Description:

- Developed a centralized platform for managing product information, enabling easy updates across multiple channels for the loan origination system (LOS).
- Designed and implemented user interfaces for the product development team, allowing them to manage and edit product details such as interest rates, sales prices, required documents for loan products, and more.
- Optimized search and filtering functionalities to enhance user

experience and quick product lookup.

■ Introduced a version control system to track product updates and modifications over time.

■ Automated product data validation processes to reduce manual errors and streamline operations.

■ Collaborated with the product development team to configure and adjust loan product parameters quarterly and annually, in line with company policies.

Team Members: Solely responsible for all development and operations.

Technologies used: PHP, Laravel, Javascript/Jquery, MySQL, JWT, OAuth2, Docker, RESTful API

Staffs Data Management System:

Role: Project Owner.

Work Description:

■ Developed and maintained a system to manage staff data, ensuring accurate records and smooth system operation.

■ Designed and implemented features to manage user roles, including creating, updating, and deleting user access rights, allowing easy assignment of responsibilities within the staff team.

■ Enhanced the system interface for better user experience and streamlined workflows for the operations team.

■ Optimized backend processes to improve system performance and ensure seamless operations for staff management.

■ Upgraded security measures to ensure data protection, including role-based access control and data encryption.

■ Supported the operations team by troubleshooting issues, fixing bugs, and ensuring smooth system operation during production use.

■ Updated system functionalities and features based on feedback from the operations team, ensuring ease of use in managing staff-related tasks and handling loan processing in coordination with the LOS system.

Team Members: Solely responsible for all development and operations.

Technologies used: PHP, Laravel, Javascript/Jquery, Vue.js, Oracle, JWT, OAuth2, Docker, RESTful API

Backend Developer

Role: Backend Developer

Company: HOPEE Co., Ltd. | 02/2024 - Present

Projects:

Kanyuweb:

Role: Backend Developer.

Work Description:

- Worked on a project that allows users to register for insurance plans from various schools in Japan, facilitating a seamless user experience for insurance registration and management.
- Modified and improved the web interface based on client requirements from Japan
- Utilized third-party APIs to fetch data and synchronize with the system. Customer data was stored in the internal database, but only basic configuration data (e.g., user preferences) was saved in the database, ensuring minimal storage overhead.
- Developed and configured a CMS system to support the new web interface, ensuring seamless data flow between backend and frontend systems.
- Redesigned the database schema from the old project to align with the new CMS-based system, improving scalability and ensuring better system performance.
- Designed and implemented both frontend and backend functionalities according to design patterns, ensuring that the system was optimized for user experience and performance.
- Used SonarQube for static code analysis to maintain high code quality, and conducted security testing with Burp Suite to identify and fix security vulnerabilities.
- Managed tasks directly on the team's backlog, with all tasks and issues tracked and linked to corresponding Git branches for version control and collaboration. GitHub was used for version control and tracking changes to the codebase.

Team Members: Worked with a team of 5, including 1 Project Lead, 3 Developers, and 1 Translator (Comtor).

Technologies used: PHP, Laravel, JavaScript, jQuery, Node.js, SCSS, MySQLSV, RESTful APIs (Third-party data integration), Vite, SonarQube, Burp Suite, Git, Backlog

Mintoku:

Role: Backend Developer.

Work Description:

- Worked on Mintoku, a project designed to connect job seekers with companies looking for employees. The platform allows users to find job opportunities and connect with companies in real time.

- Developed the backend and integrated various functionalities for Mintoku, including real-time chat and notification features using Firebase and Pusher.

- Implemented image storage and management on AWS, ensuring efficient handling of large media files.

- Utilized WordPress (WP) for building and managing certain websites, customizing plugins and themes to fit project requirements.

- Designed and maintained the database schema, optimized for performance and scalability to handle increasing user data.

- Integrated Firebase for real-time data synchronization and Pusher for chat and notifications, providing seamless user interaction within the platform.

- Provided ongoing support, resolving technical issues and ensuring smooth system operation during production use.

Team Members: Worked with a team of 7, including 1 Project Lead (Tester), 5 Developers, and 1 Translator (Comtor).

Technologies used: PHP, Node.js, AWS (S3 for image storage), Firebase, Pusher, WordPress (WP), PostgreSQL, RESTful API