Mimi (Oanh My) Ly
Full Stack Software Engineer

P. 415-623-6678   lyoanhmymimi@gmail.com   LinkedIn   Github   Portfolio   San Francisco Bay Area

TECHNICAL SKILLS

Languages: JavaScript (ES5/ES6), Python, Perl, Ruby, SQL
Front-End: React.js, Next.js, Redux, DOM Manipulation, HTML5, MJML, CSS3, jQuery
Back-End: Node.js, PostgreSQL, MySQL, MongoDB, Ruby on Rails
Developer Tools & Technologies: Git (GitHub, Bitbucket), Visual Studio Code, Jenkins, Vim, Kubernetes (K8s), Docker
Collaboration & Other Tools: Jira, Confluence, Postman, Figma, Procreate

PROFESSIONAL EXPERIENCE

Grant Street Group | Software Developer   **June 2023 - Current**

- Collaborated closely with the product team to analyze, define, and write specifications for requirements, ensuring that development efforts were closely aligned with business needs
- Actively responded to client issues and software bugs, utilizing tools like Kibana, Sentry, and system logs for diagnosis and resolution, thereby improving the overall performance and reliability of the software
- Excelled in an Agile environment, effectively managing tasks and adjusting to evolving priorities to achieve project goals
- Demonstrated initiative and leadership in knowledge management by creating comprehensive documentation on Confluence, ensuring information accessibility and fostering a culture of transparency and collaboration
- Streamlined the finance team's operations by developing an automated email system for fraud chargeback notifications, utilizing cron jobs and SendGrid, significantly reducing manual effort and improving process efficiency
- Directed a key project to develop a unified costs and revenue report, greatly assisting the finance team with reconciliation and enhancing overall financial management
- Executed targeted SQL and Perl-based schema modifications in the database, such as adding new columns and configurations, to enhance data structure and support evolving application requirements
- Utilized Postman for detailed testing of the email dispatch process through POST requests, verifying successful email receipt and accuracy of the returned information
- Developed a custom database linkage using DBIx::Class to accurately display payment status in a report interface, enhancing data retrieval and report accuracy

PROJECTS

GameBuddy (JavaScript, React / Redux, MongoDB, Node,js, Express.js, Heroku, HTML5, CSS3, npm, NoSQL)   Live Site | Github
A social platform that facilitates the interactions between users of different skill levels to create a fun gaming community.
- Led front-end development with React for user authentication, CRUD operations, and CSS styling, enhancing user interaction and interface design
- Designed custom, dynamic React modals for a responsive user interface and implemented WebSocket communication for real-time user stats and messaging
- Collaborated with a team to maintain code consistency and efficiency through a unified Git repository and diligent pull request practices

Fun Elephant (JavaScript, React / Redux, Ruby / Rails, HTML5, CSS3, AWS, Heroku, PostgreSQL)   Live Site | Github
A Drunk Elephant website clone enabling features like cart addition, wish-list creation, product reviews, and detailed descriptions.
- Developed the front-end with React, implementing custom form validation and modular components for a consistent user experience
- Enhanced back-end efficiency with Ruby on Rails, optimizing SQL queries for performance and implementing full CRUD operations for user interaction
- Designed and optimized SQL queries through the utilization of Active Records to improve performance by selecting only the needed data and reducing the number of instantiated objects
- Conducted comprehensive API testing using Postman to ensure robust functionality across user registration, product reviews, and shopping features

EDUCATION

App Academy - Immersive software development course with a focus on full-stack web development (Summer 2022)
University of California, Irvine - *Bachelor of Arts in Business Economics* (Spring 2015)
University of California, Irvine - *Bachelor of Science in Public Health Sciences* (Spring 2015)