

Ralph Sormillon Vargas

Linden, NJ 07036 | 908-419-9182 | ralphvargassorm@gmail.com

Summary

Experienced Software Developer specializing in user-focused web applications. Proficient in JavaScript, TypeScript, React, NodeJS, and database management with MySQL and MongoDB. Skilled in both front-end and back-end development, with a strong emphasis on responsive design, API integration, and payment processing solutions. Committed to delivering seamless user experiences and efficient, scalable code.

Work Experience

Inquerii, March 2023 - February 2024

Software Developer

- Inquerii, a micro-consulting web application streamlining expert-client connections. The app features group-based interactions, quick expert consultations, and a reward system for knowledge sharing.
- Played a key role in developing the user dashboard, ensuring responsive design and seamless user experience.
- Implemented client-side Stripe integration for subscription management, contributing significantly to the app's monetization strategy.
- Developed backend Stripe APIs and configured webhooks to enable efficient, real-time payment processing, improving financial data management.
- Implemented login and signup APIs with Google integration, enhancing user accessibility and experience.
- Crafted an in-app notification system and mailer service to keep users engaged and well-informed.
- Utilized a diverse tech stack including **ReactJS, JavaScript, NodeJS, Express, NestJS, MongoDB, Mongoose** all written in **TypeScript**, enhancing the application's functionality and performance.

Incyree, January 2022 - March 2023

Software Developer

- Developed a complex financial application to streamline proxy logistics and ownership insight for a major financial company, enhancing operational efficiency.
 - Played a pivotal role in developing both frontend and backend components using **ReactJS, MySQL, NodeJS, Sequelize** and **Express**.
 - Implemented an interactive client interface with advanced data visualization including dynamic graphs and charts, improving user engagement and understanding.
 - Engineered backend functionalities for the Proxy Logistics module, including a dynamic meeting scheduling system, automating timeline calculations and enhancing scheduling efficiency.
 - Managed live data processing for the Proxy Solicitation module, transforming voting status into easily interpretable charts.
 - Implemented AWS S3 integration for efficient uploading and management of company logos and voting documents, streamlining document handling processes.
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Skills / Core Competencies

Software Development, Full-Stack Development, API Integration, Payment Processing Systems Integration, Backend Engineering, Database Management, Frontend Development, User Interface Design, Data Visualization, Project Management, Problem-Solving, Effective Communication, Security Best Practices, Team Collaboration, Continuous Learning and Adaptation

Technical Skills

JavaScript, TypeScript, ReactJS, NextJS, NestJS, HTML5, CSS, NodeJS, MongoDB, MySQL, PostgreSQL, Git, AWS, Jira

Education

Montclair State University, Montclair, NJ

Bachelor of Science, Computer Science

Coursework: Software Engineering, Data Structures and Algorithms, Database Systems, Linear Algebra, Discrete Mathematics, Systems Programming, Computer Networks, Computer Security