

Rolwyn Ronald Quadras

Front End Developer

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SUMMARY

Front-end Developer with 4+ years of experience in designing, developing, and maintaining front-end web applications. Achieved measurable success in increasing page load speeds by 20% which lead to an increase in website conversion rates. Experience in collaborating with cross-functional teams and delivering projects on time and on budget.

SKILLS

Web Development: HTML, CSS, React, SASS, TypeScript, jQuery, PHP, AJAX, JSON, XML

Frameworks: Node.js, GraphQL, Vue, AngularJS, Next.js, Tailwind CSS, Bootstrap

Database Management: RDBMS (MySQL, PostgreSQL), NoSQL (MongoDB), AWS (CloudFormation, EC2, S3, Lambda)

Programming Languages: Java, JavaScript

Software Tools: Microsoft Visual Studio, Eclipse, IntelliJ

Version Control Tools: Git, SVN

Deployment/Containerization: Kafka, Docker
Kubernetes

Testing & Quality Assurance: Jest, Selenium, Postman

Application Servers: Apache Tomcat Server

Operating System: Windows, Linux

EXPERIENCE

Front End Developer – Abecedarian LLC, USA

February 2024 – January 2025

- Crafted responsive and intuitive web application leveraging React.js and Tailwind to improve the overall user engagement.
- Seamlessly integrated GraphQL to expedite data querying and presentation on web interfaces to improve application performance.
- Assembled the infrastructure using Terraform for provisioning virtual machines for backend services, setting up a scalable database, and configuring load balancing for optimal performance which led to increase in the deployment speed by 20%.
- Analyzed MySQL and PostgreSQL databases for robust data storage and retrieval, improving database query performance and a decrease in data recovery errors.

Front-End Co-op – Peapod Digital Labs, Boston, MA

January 2023 – June 2023

- Spearheaded the development of highly reusable components using VueJs and Vuex, reducing the code backlog by 32.5%.
- Authored comprehensive Jest test cases, focused on a single functionality, to ensure the intended behavior of the code.
- Enhanced code efficiency and size for grocery store websites like Shop&Shop, Martins, and Food Lion, reducing redundancy.
- Constructed Datadog dashboards for increasing data analysis speed and report generation efficiency for internal analysis.

Software Engineer – Aggrepay Payment Solutions, Mumbai, IN

January 2020 – July 2021

- Settled admin and merchant dashboard UI for nationalized banks using HTML, CSS, and JavaScript to elevate user experience.
- Architected the "buy now pay later" feature using React and NodeJS, leading to a substantial 24% surge in customer spending.
- Plotted front-end dashboard in JSP to provide a visually intuitive representation of merchants' banking & customer data.
- Coordinated the development of responsive UI components utilizing React JS, improving application accessibility and responsiveness across devices and screen sizes, resulting in a 35% increase in user satisfaction and a boost in mobile traffic.

Software Engineer – KPIT Technologies Pvt Ltd, Pune, IN

April 2018 – November 2019

- Incorporated a ReactJS dashboard to visualize Carla simulation data for analyzing and validating the autonomous algorithms.
- Established a web-based solution in Angular 4 for Cummins India Pvt. Ltd. to collect and show data for power systems.
- Developed new features in HTML, CSS, and JS for the Annotation and Labelling tool resulting in a 33.3% boost in productivity.

Web Developer – GetSetHome.com, Mumbai, IN

July 2017 – March 2018

- Designed SEO blog module with HTML, CSS, JavaScript, and Schema.org, leading to improved site ranking & appearance.
- Revamped the User Interface by implementing industry best practices and conducting user testing sessions; boosted user engagement by 40% and increased customer satisfaction scores by 15.5% within three months.

PROJECTS

Cloud Lens Image Store

January 2022 – May 2022

- Designed a highly scalable infrastructure as code utilizing CloudFormation to deploy a Nodejs application along with PostgreSQL incorporating auto-scaling, Load balancing, DNS, CI/CD, monitoring, security, automated rollback features, and GitHub actions.

Event Tracker

September 2021 – December 2021

- Implemented client-server architecture with ReactJS/Redux, NodeJS, and MongoDB, adhering to the MVC design pattern.
- Built search filter API for searching different real time events occurring throughout the campus based on existing keywords.

Insulin Delivery System

September 2021 – December 2021

- Programmed a scalable and large-scale Java-based system for an Insulin distribution chain with a seamless restocking mechanism
- Incorporated graphs and review system to track client satisfaction using Java Swing which adheres to the MVC design pattern.

EDUCATION

Northeastern University – Master's in Information Systems | Boston, MA

December 2023

University of Mumbai – Bachelor's in Computer Engineering | India

June 2017