Rachel Hanna

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Full-Stack Software Engineer

Results-driven software engineer with 9+ years of full-stack experience building and maintaining scalable, user-friendly applications. Excels at collaborating with diverse teams to deliver business value, streamline complex processes, and solve real-world user problems. Recognized for improving operational efficiency, leading project lifecycles, and fostering an environment of continuous delivery and agile best practices.

Programming Languages: Javascript(Advanced), Typescript (Advanced), Ruby(Advanced), Python(Intermediate), SQL
Frameworks: Express, Vue, Angular, Rails
Web Technologies: Node, React, Bootstrap, JQuery, HTML, CSS, JSON, REST APIs
Databases and Cloud: PostgreSQL, mySQL, IndexedDB, MongoDB, AWS
Testing: Jest, Cypress, RSpec, Teaspoon, Karma,Playwright, Vitest
Tools: Git, Github, GitLab, Docker, Kubernetes, Jira

Experience

Software Engineer, NOAA contracted with IBSS – Seattle, WA   Sep 2020 – Present
- Designed, coded, and planned the rollout of multiple admin apps that improved efficiency and performance by 50%.
- Engineered a data visualization solution for sensor data, improving scientific haul assessment speed by 20%.
- Collaborated with cross-functional teams to gather requirements, brainstorm solutions, and implement agile strategies, including scrum meetings and jira boards.
- Advised on system maintenance protocol and new feature development for critical applications.

Software Engineer, Getty Images – Seattle, WA   Jun 2019 – Nov 2019
- Collaborated with a cross-functional team to implement an admin tool for the sales department that increased user retention by 15%(Ruby on Rails, Angular, CSS, Coffeescript)
- Implemented and deployed critical UI fixes addressing real-time incidents.
- Advocated for and practiced test-driven development, writing comprehensive tests in RSpec, Teaspoon, and Karma.

Ruby on Rails Developer, Record360 – Seattle, WA   Jun 2017 – Jun 2019
- Developed new features and resolved bugs in production Ruby on Rails applications and APIs.
- Implemented an interactive asset condition map with Google Maps integration, Coffeescript, and jQuery.
- Maintained and updated a dynamic draft creation tool using Coffeescript and jQuery.
- Automated Salesforce API integration, streamlining marketing and CRM updates from the company database.
- Led the localization project, making the web app accessible in Italian.
- Maintained AWS EC2 deployments with Docker and Kubernetes for scalability and reliability.

UI Developer, Dell – Seattle, WA   Dec 2016 – May 2017
- Modernized a legacy server maintenance tool UI, significantly enhancing usability (JavaScript, Bootstrap, CSS, HTML).
- Built a server status monitoring dashboard, integrating real-time backend data with a responsive frontend.
- Actively maintained and enhanced codebase quality through bug fixes and refactoring.

Freelance Web Developer, Mercutio – Seattle, WA   May 2016 – Aug 2016
- Enhanced e-commerce websites per design specifications and accessibility requirements.
- Developed and shipped jQuery animations and HTML components, ensuring cross-browser/platform compatibility.
- Refactored code for ADA compliance, improving web accessibility.

Education

General Assembly – Web Development Bootcamp

University of Colorado Boulder– MA in Classics and Classical Languages, Literatures, and Linguistics

Baylor University – BA in in Classics and Classical Languages, Literatures, and Linguistics, minors in Biology and Chemistry, Phi Beta Kappa