Rogelio Aguilar

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SUMMARY

Entry-level software engineer with 2 years of experience in developing client applications. Excellent team player with effective communication skills, eager to contribute to a dynamic and collaborative development environment. Seeking a software engineering/developer role.

EDUCATION

University of California - Merced   Aug. 2016 - May 2021
Bachelor's of Science Computer Science and Engineering

WORK EXPERIENCE

Junior SDET   Jan. 2022 - Mar. 2023 - San Ramon, CA
Brillio LLC

- Build interactive UI components using React.js and Tailwind CSS.
- Responsible for creating and maintaining architecture for RESTful APIs using SpringBoot and Node.js.
- Implemented automated testing design patterns with Selenium to test front-end UI components.
- Tested backend APIs with Java Rest-Assured and Postman.
- Trained under a Senior SDET from eBay to learn more about the industry's best practices and coding standards.
- Contracted with The Hartford company to help update and test versions of their REST APIs.

Junior SDET   Sept. 2022 - Dec. 2022 - Remote
The Hartford - Contracted with Brillio

- Assisted in successfully upgrading version 5 APIs to version 10 by developing scripts using Node.js
- Cleaned up the version 10 API catalogs and environment for any retired objects.
- Tested APIs with IBM API Connect and ReadyAPI to ensure upgraded versions ran correctly.
- Used agile methodology to track the 2-week sprint progress by creating user stories in Rally.

Full Stack Developer Intern   Jan. 2021 - May 2021 - Merced, CA
ISSNAF

- Volunteer experience where I helped develop ISSNAF's database application, using React, Node.js, Express.js, and MySQL.
- Implemented filtering content functionality based on queries set by the user, designed relational database schema with MySQL Workbench, and developed REST APIs using Node.js/Express.js with the data from the MySQL database.
- Developed front-end UI with React and Bootstrap, and routed the application's REST APIs to the front-end components.
- Regulated version control with git branches and reviewed pull requests on GitHub.
- Our team won the 2021 Innovate to Grow database track at UC Merced by completing the application with all of its required features.

PROJECTS

Facebook Clone   May 2023 - June 2023

- Leveraged Next.js and Tailwind CSS to create the components that resemble Facebook's UI.
- Developed back-end REST APIs using Java with Spring Boot framework and MySQL database.
- Sign-in/Login features using the NextAuth.js library to allow users to sign in with an existing account.
- After login, the user is able to create / view posts.
- Logged-in users can also like, comment, and interact with posts.

SKILLS

Programming Languages	CSS, HTML, Java, JavaScript, MySQL
Testing Tools	Cucumber, Gerhkin, Postman, ReadyAPI, Rest-Assured, Selenium, TestNG
JavaScript Libraries	Express.js, Next.js, Node.js, React Hooks, React Redux, React.js
Frameworks	Bootstrap, Spring Boot, Tailwind CSS
Version Control	Git, GitHub, GitLab
Project Management	Jira, Microsoft Excel, Rally
Continuous Integration	AWS, Jenkins, Maven
Methodologies	Agile Methodology, SCRUM