An Chau

Summary

Solution-oriented Software Engineer with proven expertise in testing, quality assurance, and cost optimization. Excels in project management and communication, enhancing operational efficiency in Agile, Fortune 500 environments. Skillfully balances big-picture objectives with detailed execution to overcome challenges and deliver projects on schedule and at high quality. Dedicated to continuous professional growth and technological skill advancement.

Professional Highlights

OrbitLink Technologies - DevOps Engineer
07/2024 - present

Worked on the deployment and management of the company's core website infrastructure using a suite of **AWS** services, **Terraform**, and WordPress.

KEY RESULTS:
- Enhanced the site's reliability and scalability by deploying the company's website infrastructure with Terraform, utilizing **AWS EC2** for computing and **AWS Route 53** for DNS management.
- Improved the website's performance and security by optimizing it within the WordPress environment, ensuring alignment with the company's needs.

OrbitLink Technologies - Fullstack Developer
12/2023 - present

Collaborated with the project manager to support building and maintaining features for client websites that enable ventures to gather and support its users through means of a Stripe checkout flow and login experience.

KEY RESULTS:
- Implemented frontend and backend enhancements to the client's website using **AWS**, **React**, **NodeJS**, TypeScript, and HTML. Gained experience with Stripe, HubSpot, Webpack, and Auth0 while integrating these changes.
- Users can now make purchases for themselves and their teams, and enter their contact information, such as phone number and email, directly on the client's website.

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Technical Skills

- **Java**
- **Typescript/Javascript**
- **HTML/CSS**
- **React**
- **AWS**
- **Agile Scrum**
- **NodeJS**
- **Microservices**
- **Spring Boot**
- SQL
- Git
- Python
- Selenium
- Cypress
- JIRA
- User Acceptance Testing (UAT)
- Testing Scenarios

General Skills

- Problem Solving
- Analytical
- Communication
- Strong Adaptability
- Time Management
- Multitasking

Education

08/2021
The University of Texas At San Antonio
Bachelor of Science: Computer Science
- GPA 3.5
- Honor Roll December 2020
- Honor Roll May 2021

Ernst & Young - Technology Consultant / Quality Assurance Engineer
02/2022 - 06/2023

Partnered with Infrastructure teams and key stakeholders to identify, recommend, develop, and implement cost-effective technology solutions for clients. Utilized QA standards, performance metrics, and interoperability regulations to implement innovative solutions.

KEY RESULTS:
- Selected for a QA role with Morgan Stanley, where I optimized test cases for manual testing and conducted eSign functionality testing in an **Agile** team, ensuring reliability and alignment with intended use.
- Created automated test scripts with **Java**, Selenium, and Cucumber to confirm that existing eSign document functionality was unaffected by updates.

We Care Insurance - Software Engineer Intern
09/2021 - 12/2021

Collaborated effectively with members of the software development team and manager, to write clear and well-tested automation code to perform web data extraction from insurance websites.

KEY RESULTS:
- Gained more knowledge on **Java** and **SQL** by successfully writing the test automation code. Learned new skills such as Selenium.
- The web data extraction code is being used to get price quotes from websites for clients so they can see which insurance will best suit them.

Projects

FullStack Project
- Created a web application where you can add, view, edit, and delete users from a MySQL database.
- The Front-end was developed with **React**, **TypeScript**, and **NodeJS**.
- The Back-end was developed with Spring Boot and **Java**.
- Testing was done using Selenium, Postman, JUnit, and Mockito.

RowdyHacks
- A 40 hour event where teams collaborate on a project to create social impact, satisfy company challenges, and innovate new solutions hosted by UTSA.
- Collaborated with other participants to create a web application that generates a personalized virtual business card using .NET and **SQL**.

Web Development
- Built websites using **HTML**, **CSS**, and **JavaScript** to implement dynamic user interfaces and interactive features.
- Focused on creating responsive and accessible web designs to strengthen understanding of web development fundamentals and user experience (UX) best practices.