

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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📍 San Antonio, Texas

Technical Skills

- Java
- Python
- Typescript/Javascript
- HTML/CSS
- React
- Cypress
- Selenium
- Spring Boot
- AWS
- Agile Scrum
- NodeJS
- SQL
- Git
- Microservices
- 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

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:

- Successfully completed a project within a week that used Java, Spring Boot, and SQL to develop a banking service application.
- Due to technical acumen, was assigned to the Morgan Stanley engagement in a QA capacity.

Ernst & Young Engagement - Quality Assurance Engineer

04/2022 - 12/2022

Recruited to the role to test out new eSign documents within a fast-paced Agile environment. Primary responsibilities consisted of assisting developers and product owners with staying current with product features and intended functionality. Additionally, developed and wrote testing improvements to enhance usability, function, and performance.

KEY RESULTS:

- Successfully wrote and optimized test cases that maximized success of manual software testing.
- Took initiative and worked overtime with the product owner to discern if bugs existed in eSign documents before release, resulting in fixing bugs and issues prior to release.

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.

Game Development

- Independent Projects: Completed platforming and first-person shooter games in Unity using C#.
- Group Projects: Worked on a space shooting game in a group setting using Unity, C#, and MergeSort.

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.
- Gained proficiency in HTML structure, CSS styling, and JavaScript functionality, allowing for the creation of user-friendly and visually appealing web applications.