SREE SAI OGETI

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SUMMARY

Having excelled in Quality Assurance (QA) engineering, I'm now eager to transition into Software Developer in Test (SDET). With 6 years of experience ensuring software reliability and Master's Degree in Software Development, I'm poised to leverage my skills in a dynamic development role. Seeking opportunities to contribute innovative solutions and ready to bring my diverse skill set to a forward-thinking development team.

EDUCATION

Master of Computer Software Development, University of Utah, Salt Lake City   **Aug 2022 – Dec 2023**

Coursework: Data Structures and Algorithms, Operating System, Computer Networking & Security, Software Engineering, Database System & Applications, Data Analytics & Visualization, Android Programming

Bachelor of Technology in Biotechnology, NIT University, India   **Jul 2014 – May 2018**
Gold Medalist

TECHNICAL SKILLS

Programming Languages	Java (primary), JavaScript, Python, Kotlin
Data Analytics & Visualization	Pandas, NumPy, Pytorch, Regression, Classification (KNN, Decision Trees)
Test Automation	Selenium Web Driver(Java), Cypress, REST Assured API Automation, Appium, Jmeter,Esspreso
Tools & Frameworks	Git, Postman, Jenkins ,Bitbucket, TestRail, JIRA

WORK EXPERIENCE

Computer QA Assistant, University of Utah, Salt Lake City   **Dec 2022 - May 2024**

- Develop e2e automated test scripts for React components using Cypress for university website portals.
- Analyze test results, identify defects, and work with cross-functional teams to troubleshoot issues, ensuring that software quality standards are met and maintained throughout the development lifecycle.
- Assist faculty in preparing and delivering lectures, leading discussion sections, and providing 1-on-1 support to students.
- Utilize continuous integration/continuous deployment (CI/CD) pipelines to integrate automated tests into the software development lifecycle, enabling timely feedback and rapid iterations.

Software Developer in Test Engineer, Turvo India Private Limited, India   **Apr 2020 – Aug 2022**

- Designed and implemented automated around 400 API test cases using **REST Assured API Framework.**
- Working Knowledge of the Logistics Domain (Orders, Inventory & Item master).
- Worked successfully as a single QE for a team of 8 developers in a 2-week sprint release fast-paced Agile environment.
- Developing test plans and strategies to ensure that applications met customer requirements.
- Entirely owned significant functionality of the application as a **Subject Matter Expert(SME).**
- **Performed Functional, Integration, and Performance Testing** based on go-live feature requirements, identified automation enhancements, and provided quality value adds for an organization.
- Facilitates effective Sprint planning and retrospective meetings, providing leadership and guidance to peers while utilizing JIRA to track progress and ensure timely task completion.
- Manages fellow peers through Sprint planning and Sprint retrospective meetings and follows their work via JIRA during daily standup calls.
- Collaborated with developers to improve the quality of software releases and reduce the number of defects.
- Mentored newly joined test engineers and guided them through the best practices for testing.

System Engineer, Infosys Private Limited, India   **Jun 2018 – Apr 2020**

- Supported and maintained 1600 existing Automated UI test scripts.
- Knowledge of Banking Domain - (Payments, Dashboard, Account statements).
- Automation of over 300 UI test scripts in **Selenium using the Cucumber framework** for business functionalities.
- Identification of automation-feasible test cases from the existing repository and automated them.

ACADEMIC PROJECTS

Video Streaming Application - Next.js, TypeScript, Prisma, TailWind CSS, MongoDB, Node.js, Vercel

- Implemented database interactions using Prisma ORM to optimize video, audio streams data management, increase DB efficiency by 40%.
- Deployed Node.js dependent application using Vercel cloud provider that seamlessly handles 1000+ user activity with optimised performance.
- Utilized Cypress Testing Framework for 50+ End to End test cases, Component Testing and execute in continuous integration builds.

Android Paint App - Kotlin, Room, Espresso, Jetpack Compose, Ktor, Google Firebase

- Utilized Kotlin, Custom View Model, Jetpack Compose, Ktor Server to facilitate real-time drawing experience for 50+ concurrent users.
- Integrated seamless image upload from local device to Google Firebase, enabling drawing tools, including pen, stroke and canvas.
- Created 100+ Functional, Instrumented and Unit Test cases using Espresso Automation Testing Framework for thereby achieving 100% code coverage ensuring >90% app reliability.

Canvas Style Learning Management System - .Net, AWS, SQL, LINQ

- Utilized LINQ to interpret SQL queries and designed DB schema with 10000+ records there by establishing active connection to .NET ASP framework based application resulting, 70% optimization in data retrieval.
- Empowered CRUD operations to manage SQL tables for courses and staff to Canvas Style Learning Management System and deployed using AWS Cloud to gain user satisfaction rate by 50%.

Web Chat Server - JavaScript, HTML, CSS, Java, Web Sockets

- The complete web chat server was created to allow people to join the chat room and interact with others.
- A frontend page developed with HTML, CSS, JS, and WebSocket's. Handshake protocols were used to send/receive messages from the server developed in JAVA.

DNS Resolver - Java Network Protocols

- A simplified version of the DNS (Domain Name System) protocol that responds to the domain name requests from the dig command line tool.
- This resolver is implemented in Java and can resolve IPv4 and IPv6 addresses.

Blackjack Game - C++, SFML, CMAKE

- This collaborative game project was built in C++ SFML libraries to make interactive screens for the game.
- Players can play the game with keyboard and mouse interactions.
- Provided excel based automatic detection of changes in HTML attributes to detect sprint changes easily.

CERTIFICATIONS

University of Utah

Software Development Programming Certificate	AUG 2023
Software Development Systems & Data Certificate	DEC 2023

LEADERSHIP & ACHIEVEMENTS

Associate Team Lead, Turvo India Private Limited

- Mentored newly joined QA trainee's with personalized plans about the product and QA Automation Coding standards.
- Use to lead Scrum Calls and Sprint Planning , Sprint Retrospective meeting during the absence of the team lead.

Awards

- Received the Most Valuable Player (MVP) award from Turvo for exceptional commitment twice.
- Certifications of Appreciation for contributing towards Automating Home Loan Self-Service Digitization from Westpac(Infosys).