

RAVI KRISHNA BATTALA

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PROFILE SUMMARY:

- Over 1.5 years of experience specializing in quality assurance for backend and frontend systems.
- Total 1.5 years of professional experience, including API Automation testing.
- Proficient in test automation, manual testing, and leveraging CI/CD pipelines to enhance efficiency.
- Expertise in Java, Spring Boot, Karate, and Cucumber frameworks, with a strong understanding of database technologies and cloud platforms.
- Skilled in designing test plans, executing test cases, and debugging applications to meet business requirements.
- Identified and resolved failing test cases by analyzing root causes, raising bugs, or correcting data flow issues.
- Collaborated with developers to identify, report, and resolve bugs, improving application performance.
- A quick learner, adaptable to new challenges and technologies.

TECHNICAL SKILLS:

Programming Languages : Java, Python, Gherkin, C, Data Structures

Frameworks & Tools : Spring Boot, Hibernate, Selenium, Playwright, Karate, Cucumber
Postman, JUnit4, TestNG, Kafka, Okta, Eureka, OpenFeign, RabbitMQ, Sleuth, Zipkin

Architecture & Patterns : Microservices

Cloud Platforms : Azure, AWS, Snowflake

Plugins : Cucumber for Java, Gherkin, Lombok

DevOps Tools : Docker, Azure DevOps, CI/CD pipelines, Test plans

Version Control : Git, Swagger

Database Management : MySQL, PostgreSQL

Design & Collaboration Tools: Figma, Confluence

PROFESSIONAL EXPERIENCE:

Project 1 – Customer Master (June 2023 – Nov 2023)

Company: Comtek International Inc., Chicago, IL.

Client: Caterpillar Inc.

Technology: Java, Karate, AWS, PostgreSQL, Snowflake, CI/CD, ADO.

Applications: Customer Admin Tool.

Description:

The Customer Master project focuses on onboarding organizations as active, drafted, managing dealer organizations, and assigning users to customers via APIs.

Roles & Responsibilities:

- Automated the process using Java to run in ADO CI/CD pipelines.
- Worked with AWS for data input and uploading test results to ADO.
- Fixed failing test cases by identifying root causes in data flow and script errors.

Project 2 – ED-Retirement (Dec 2023 – Feb 2024)

Company: Comtek International Inc., Chicago, IL.

Client: Caterpillar Inc.

Technology: Java, Karate, AWS, PostgreSQL, Snowflake, CI/CD, ADO.

Applications: Customer Admin Tool, DSP Tool.

Description:

The ED-Retirement project involves replacing the existing data flow with new rules across different data paths.

Roles & Responsibilities:

- Replaced the existing data flow with new rules across different data flow paths.
- Replaced asset onboarding, customer & dealer attachment, subscription addition, and IOT gateway registration via APIs.
- Used Postman for quick testing and automated Java scripts in ADO CI/CD pipelines.
- Coordinated data input and results handling through AWS and ADO.

Project 3 – CUOB UI (Mar 2023 – May 2024)

Company: Comtek International Inc., Chicago, IL.

Client: Caterpillar Inc.

Technology: Playwright, Cucumber, CloudWatch, JAR CI/CD, ADO.

Applications: Customer Admin Tool, Parts Cat Com, Vision Link.

Description:

The CUOB UI project focuses on front-end UI testing using the Playwright framework. The project involves creating users through invitations sent to user emails or by user requests from Parts Cat Com or Vision Link applications.

Roles & Responsibilities:

- Managed front-end UI testing using the Playwright framework.
- Created users through email invitations and requests from Parts Cat Com or Vision Link applications.
- Focused on front-end testing and user access management through Playwright, ensuring optimal UI functionality and user interactions.
- Automated test cases and running scripts as a JAR in CI/CD pipelines.
- Retrieved results from CloudWatch and uploaded them to ADO Test Results.

Project 4 – Foresight (June 2023 – Nov 2024)

Company: Comtek International Inc., Chicago, IL.

Client: Caterpillar Inc.

Technology: Java, Karate, AWS, PostgreSQL, Snowflake, CI/CD, ADO.

Applications: Foresight.

Description:

The Foresight project focuses on pulling fault data, fluid data, and work data from assets subscribed to the Foresight program. The project analyzes and displays data to users, generating recommendations based on transit data results.

Roles & Responsibilities:

- Pulled fault, fluid, and work data from assets subscribed in Foresight program.
- Analyzed data and generated recommendations based on transit data results.
- Automated test scripts using Java and running scripts in ADO CI/CD pipelines.

EXPERIENCE SUMMARY:

Worked as a full-time contractor at Comtek International Inc., Chicago, IL, from June 2023 to November 2024, remotely from a workspace provided by AI Infotech, Chennai.

EDUCATIONAL QUALIFICATIONS:

- B.Tech in Computer Science and Engineering, Sri Venkateswara College of Engineering, JNTU Anantapur (Graduated in 2023), CGPA: 8.23
- Intermediate (MPC) Sri Chaitanya Junior College, Vijayawada (2019) – 9.93 CGPA
- SSC Sri Gayatri High School, AP Board of Secondary Education (2017) – 9.8 GPA

CERTIFICATIONS:

- Certification in Java, Python, and Data Structures from CodeTantra.

ACADEMIC PROJECT:**Flood Prediction Using Machine Learning**

- Built a flood prediction model using XGBoost and KNN algorithms.
- Deployed using Flask frameworks, achieving improved efficiency.

DECLARATION:

I hereby declare that the above-mentioned information is accurate and true to the best of my knowledge.

Date: 23-01-2025

Place: Bengaluru

(Battala Ravi Krishna)