

SANDEEP SOMA

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Career Objective

My career objective is to thrive in software engineering, leveraging my adaptability to various technologies, exceptional grasping power, and quick learning abilities. Personally, and professionally, I aspire to continual growth, aiming to be better than yesterday in all aspects of life.

Education

Vasavi College of Engineering

Hyderabad, Telangana

Bachelor's in Mechanical Engineering

July 2022

CGPA: 8.33/10

- Python Programming, Database Management System, Web design, Critical Thinking were taken as electives as part of the curriculum.

Technical Skills

Programming Languages: Java, Python, JavaScript, HTML, CSS

Automation & Testing Tools: Selenium, Cucumber (BDD), TestNG, Postman, Rest Assured, Perfecto (Mobile Testing)

Frameworks: Spring Boot

Software Development Concepts: Object-Oriented Programming (OOPs), Software Testing Life Cycle (STLC), Software Development Life Cycle (SDLC), Agile & Scrum Methodologies

CI/CD & DevOps Tools: Jenkins, Git, GitHub, GitHub Actions, Azure DevOps (Basics)

Cloud & Databases: Azure Cloud (Basics), Google Cloud, MySQL

Test Management & Reporting Tools: Qtest, Jira

Work Experience

Accenture

Hyderabad, India

Custom Software Engineering Analyst

December 2022 - Present

- Currently working as an **SDET for a US-based client**, engineering robust test automation frameworks, CI/CD integrations, and validation tools to improve quality, coverage, and delivery efficiency across platforms.
- **Proficient in designing and executing automation frameworks** with **Java, Selenium, TestNG, and Cucumber** (BDD and non-BDD), ensuring scalability, maintainability, and CI/CD compatibility.
- **Executed 5000+ test cases** across **Web, Mobile, ADA, API, and Analytics**, identifying **150+ high-impact defects** and **automating 200+ tests** to accelerate regression cycles and reduce manual effort.
- Created detailed test cases from user stories, improving coverage and early defect detection.
- **Strong background in Functional testing (Web & Mobile), UI testing, API testing, ADA testing, and Analytics validation**, ensuring accessibility, functionality, and reliability across releases.
- Hands-on experience testing **Adobe Experience Manager (AEM)** applications, validating components, workflows, and integrations across environments.

- **Developed internal QA tools using Python** — including:
 - **Universal Code Migration Tool:** Designed and developed a Python-based utility to automate repository branch migrations, completing each migration in ~14 seconds per branch and significantly reducing manual workload and human error.
 - **Test Evidence Generator:** Automated the manual screenshot attachment process by integrating captured images directly into test steps and generating test evidence documents, improving accuracy, traceability, and saving ~15 minutes per test case.
- **Implemented CI/CD pipelines using Jenkins and GitHub Actions**, reducing manual deployment effort by ~40% and improving release consistency and reliability.
- **Skilled in integrating automation workflows with Qtest and Jira**, enabling seamless test management, defect tracking, and reporting.
- Contributed to the implementation of **Gen AI solutions**, focusing on **defect prediction, test case scoping, test cases generation**, and **identifying duplicate test cases** to boost test efficiency and coverage.
- **Collaborated closely with Development, DevOps, and QA teams** to optimize automation reliability, enable shift-left testing, and enhance CI/CD pipeline performance.
- **Serving as the Primary Point of Contact (POC)** for client interactions and technical delivery, **leading and mentoring 3 Associate Software Engineers** in automation practices and best standards.
- Demonstrated sprint deliverables to stakeholders and recognized for **innovation, ownership, and delivery excellence**.

Certifications/Skill Badges

- Google Cloud Certified Associate Cloud Engineer (April 2025) by Google Cloud.
- Google Cloud Certified Cloud Digital Leader (April 2025) by Google Cloud.
- Microsoft Certified: Azure Fundamentals (November 2024) by Microsoft.
- Programming foundations with JavaScript, HTML, and CSS (September 2023) by Coursera.
- SC-900: Microsoft Security, Compliance, and Identity Fundamentals (June 2023) by Microsoft.
- Automated Software Testing (February 2023) by Skillsoft.
- Problem Solving Basic (October 2021) by Hacker Rank.

Achievements/Awards

- Participated and Won GCP Accenture premier league contest FY25 Edition.
- Participated and recognized in CyberFest 2023 & 2025 Editions.
- Accenture Excellence Award (ACE) under Team Category in FY24 Q3.
- Tech Expressway Merit Holder in Techgenics stream training FY23 (Accenture's Wall of Fame).
- Secured 31 rank in ECET Entrance examination in Telangana.