

# SANKET S. SANAP

## Software Test Engineer

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### SUMMARY

Over the past three and a half years, I have gained a deep understanding of application architecture, fostered collaboration with developers, and embedded testing as a core aspect of the software development lifecycle. Beyond testing frameworks, I have expanded my expertise into version control systems and automation tools. I have worked with technologies such as Python, Java, Robot Framework, JIRA, RTC, Selenium, Git, BDD with Cucumber, and Appium, enabling seamless collaboration and efficient test code management. Additionally, I have integrated CI/CD tools like Jenkins into my workflow, allowing automated test execution and streamlined development. This approach has strengthened my ability to deliver high-quality software effectively.

### PROJECTS

#### Tata - X4 , Tata - Skylark

2023 Location

Short summary of your work

- Spearheaded integration of advanced infotainment systems in Tata Motors vehicles, enhancing entertainment, connectivity, and navigation.
- Implemented Test Cases related touchscreen displays for an interactive user experience.
- Integrated Android Auto and Apple CarPlay for seamless smartphone connectivity.
- Led incorporation of state-of-the-art navigation systems for accurate route guidance.
- Introduced Reverse Camera Display (RVC) to improve safety and maneuverability.

#### Skoda-A2.1

2024 Location

Short summary of your work

- Developed Skoda infotainment systems Requirement Test cases, integrating multimedia features to enhance entertainment, navigation, and connectivity.
- Introduced touchscreen display and media options including tuner, USB, Bluetooth, Android Auto, and Apple CarPlay.

#### Mahindra Z-101, W-502, S-220, S-235, W616

2025 Location

Short summary of your work

- High-resolution touchscreen display for intuitive control of vehicle features.
- Android Auto and Apple CarPlay for seamless smartphone integration and hands-free functionality.
- Built-in GPS navigation with real-time traffic updates for hassle-free travel.
- Multiple connectivity options including Bluetooth, USB, and Wi-Fi for a connected experience.
- Reverse and front view cameras for enhanced safety and easy maneuvering.

#### Jaguar and Land Rover

2025 Location

Short summary of your work

- Performed API testing and validation for infotainment connectivity features, including Bluetooth, Wi-Fi, and smartphone integration.
- Conducted performance and reliability testing for infotainment systems under various automotive conditions.
- Built-in GPS navigation with real-time traffic updates for hassle-free travel.

### EXPERIENCE

#### Software Test Engineer - L2

Visteon Corporation, Pune

2022 - Present Pune, MH

Visteon Corporation is a leading global supplier of automotive electronics, specializing in digital cockpit systems and electrification solutions. Operating in Pune through Visteon corporation., the company designs, engineers, and manufactures advanced cockpit products, including instrument clusters, infotainment displays, domain controllers, and battery management systems for major OEMs worldwide.

- Designed and implemented automated test scripts for infotainment systems using Python, Appium, Selenium, and Robot Framework.
- Developed BDD test scenarios with Cucumber for functionalities like Android Auto, Apple CarPlay, Bluetooth, USB media, and Reverse Camera Display (RVC).
- Automated functional and regression testing for infotainment UI components, including touchscreen display and navigation systems.
- Created test automation frameworks to support continuous validation during development cycles.
- Implemented CI/CD pipelines using Jenkins for automated test execution, reducing manual effort and accelerating release cycles.
- Managed test code versioning and collaboration using Git for efficient branching and merging strategies.
- Performed API testing and validation for connectivity features (Bluetooth, Wi-Fi, smartphone integration).
- Conducted performance and reliability testing under various automotive conditions.
- Developed Python-based utilities for log parsing, KPI measurement, and test result reporting.
- Achievement: Increased test coverage by 60% by designing and implementing 3000+ automated scripts for across projects.

### B.TECH/B.E.

#### Electrical Engineering

Savitribai Phule Pune University, Pune

2020

### LANGUAGES

Marathi

Native



Hindi

Native



English

Proficient

