

## **AKSHATA GOURKHEDE**

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### **CAREER OBJECTIVE**

Having 2.7 years of Experience in Software Embedded testing, to work for a professionally managed company with a good organizational objective and friendly environment in a capacity that offers responsibility, challenge, job satisfaction, and scope for organizational and personal Development and Growth.

### **SUMMARY**

As a Software Test Engineer with experience in manual testing, Hardware testing with Vehicle and smart Locks embedded Testing. I have a strong background in functional testing and automated testing. I am skilled in using tools such as TestRail, Postman and Engage tools for smart locks and have experience in sanity testing and Regression testing. My proficiency in manual allows me to effectively write and execute test cases for the Automotive and Security Domain. Additionally, I am familiar with bug tracking processes and have expertise in automotive and Security Domain software testing. I hold a Bachelor of Engineering degree from Nagpur University. In my current role at Allegion India, I continue to enhance my skills and contribute to the success of software testing projects. I am motivated to excel in my career as Software Test Engineer and contribute to the development of high-quality software products Schlage smart Locks in Security Domain and General Motors Vehicles Chevy and GMC in Automotive Domain.

### **SKILLS**

- Manual Testing
- Automotive Testing
- Embedded Testing
- Cluster Testing
- Infotainment Testing
- Regression Testing
- Sanity Testing
- CAN
- Security Testing
- Python
- Agile Methodologies
- Embedded devices
- Smart Residential-Commercial Locks (Schlage)
- Defect Verification
- Ad hoc Testing
- Wi-Fi Testing
- Communication Protocol (BLE,WIFI,Matter,UWB)

## **TOOLS**

- JIRA
- Test rail
- QNX Momentrix Jenkins
- VIP, QFIL, TERATERM
- ENGAGE STAGING APP
- Postman
- Azure Devops

## **EDUCATIONAL QUALIFICATION**

B.E Electrical Engineering (EEE) from Rashtrasanth Tukdoji Maharaj Nagpur University.  
8.34CGPA.

## **Work Experience**

### **People Tech Group**

Software Test Engineer Hyderabad, India  
Jan 2023-Nov 2024

### **Project: - GENRAL MOTORS**

INSRUMENTAL PANEL CLUSTER Instrumental Cluster (IC) represents the most important ECU of modern car, regarding the interface with the driver. As more and more controls are performed automatically, the functionalities provided by a modern IC ECU become increasingly complex. A modern IC is usually LCD-based, and it provides essential information to the driver, like speedometer, odometer, gear selection, various warning signals (i.e. ABS fault, brake fluid low, airbag readiness.), fault diagnostics (sensors information like oil temperature, fuel level Guage), guidelines from the GPS module and even Infotainment.

### **Roles and Responsibilities**

- Developed and executed test cases to ensure software functionality, reliability and performance.
- Worked with Developers to identify, document and track defects in the System.
- Working on IPC Cluster Validator for General Motors.
- Knowledge on embedded controller networks like CAN & communication protocols & QNX Software.
- Day to Day communication with developers, Tech Lead and onsite team on Defects functionality.
- Working on Different instrument panel cluster of top Brand vehicle like CHEVY, GMC

## **Allegion India**

System Test Engineer Bangalore, India

Dec 2024-Present

### Project: - Smart Locks (Residential-Commercial)

Allegion India is a product-based company specializing in security solutions within the embedded systems domain. The company develops its own products, including Schlage smart locks, which cater to both residential and commercial markets. In addition to smart locks, Allegion offers other devices such as exit devices, readers, and controllers. The company focuses on verifying both manual and automated test scenarios for all its products. It also utilizes its proprietary software, the Engage platform, to ensure compatibility with its hardware products. Testing processes include sanity, regression, ad hoc, and performance testing. Key features of the products include commissioning, credential support, NFC credentials, and scheduling functionalities for locks. Communication protocols are used to enable seamless interaction between the locks and the software. For residential applications, Schlage locks include models like Z-wave, NGRE, CHEETAH, Walton, and WKD. For commercial applications, the product lineup includes models such as NDE, LE, XE360, and the CTE controller

### Roles and Responsibilities

- Developing, executing and maintaining system level test cases to ensure system functionality, reliability and performance.
- Enhancing the user Experience.
- Working on System testing for the Schlage smart locks.
- Knowledge on embedded communication protocols like BLE, WIFI, RS-485 and IP mode.
- Day to Day communication with developers, about release on products and weekly meetings with onsite team week.
- Working on Different devices like Readers, Smart locks and controllers.

### PERSONAL PROFILE

Father's Name	: Siddharth Gourkhede
Date of birth	: 11 June 1999
Gender	: Female
Nationality	: Indian
Languages Known	: English, Hindi, Marathi & Telugu

### DECLARATION

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

Place:

Date:

**Akshata Gourkhede**