

AJIT GANDOLE

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Professional summary

Detail-oriented and motivated QA Engineer (Fresher) with a strong foundation in manual testing, Java and web technologies. Skilled in designing and executing test cases, validating functional and non-functional requirements, and contributing across all stages of the software development life cycle (SDLC). Proficient in API testing, bug tracking, and validating real-time, high-velocity, high-volume data systems. Strong collaboration, communication, and analytical problem-solving skills. Familiar with test automation concepts and performance testing.

Education

Jain College of Engineering and Technology, Hubballi (KA)

Dec 2021 – May 2024

Engg. in Electronics and Communication Engineering

- **CGPA:** 7.0
- **Board:** Visveswaraya Technology University
- **Relevant Coursework:** Digital And Analog Electronics, Signal and Systems, Satellite Communication, Embedded Systems, Internet of Things (IoT).

Experience

Project Work Internship @ Qspyder, Bangalore
QA Engineer (Intern)

June 2024 – Feb 2025

- Developed a project titled: '**Data Management System using Spring Boot**'
- The **Data Management** project is a full-stack web application that enables users to manage and manipulate data in a centralized system.
- Conducted **manual functional, integration, regression, sanity, and API testing** using **Postman**.
- Gained exposure to **automated testing tools** like Selenium testing for different test cases and test plans.
- **Skills:** Spring Boot, Hibernate, React, Axios.

Project Work Internship @ GTTC, Hubbaalli
Embedded System and IoT (Intern)

Aug 2023 – Sep 2023

- Developing a project titled: '**Home automation system**'
- Real-time hardware development project developed on home automation system interfaced with many sensors and actuators with Raspberry pi module. To be easily accessed by user with any internet access device.
- Developed easy to understand user interface using HTML, CSS, Python, Flask.

Academic Projects

Attendance Management System

Dec 2024 – Jan 2025

- Developed a web-based attendance system using **Servlet and JSP** to manage student attendance, providing features for adding, viewing, and updating attendance records.
- **Postman:** Used Postman to test the Servlet and JSP-based API by sending HTTP requests to interact with the backend and validate **CRUD operations** for managing attendance records.
- **Skills:** Servlet, Postman, JDBC.

Border Security System using ESP-32

Dec 2023 – Mar 2024

- Developed a real time machine that will perform preliminary border security checkups in border areas of India.
- The preliminary security operation includes providing 24*7 surveillance by ensuring the safety of border security personal and maintain a timely maintainability of border areas ensuring no illegal action being conducted using ESP-32 microcontroller interfaced with sensors and fetching the data via Things speak.
- **Skills:** Embedded Systems, IoT, Data Analysis.

Skills

- **Soft Skills:** Analytical Thinking, Problem Solving, Communication, Collaboration, Time Management, Agile Methodology.
- **Technical Skills:** Java / Python, Flask, Hibernate, Servlet & JSP, Spring Boot, SQL, HTML&CSS, JavaScript, Postman, Selenium.
- **Testing Skills:** Manual Testing, Test Case Design, Test Plans, Test Strategies, Functional Testing, Regression Testing, Sanity Testing, Integration Testing, API Testing, Security Testing (Basic), Performance Testing (Basic),

Certificates

- **Java Testing Certificate from Qspyder.**
- **Embedded Full-Stack and IoT**
- **Karnataka State Council Science and Technology**

Jan 2025

Sept 2023

Mar 2024