Shreyas Chavare

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Professional Summary

MCA graduate with expertise in QA testing, manual & automated testing, and SQL-based validation. Skilled in designing and executing detailed test cases, identifying and tracking bugs, and performing regression testing. Proficient in SQL, Postman, and JIRA, with experience in Java and Python for automation scripting. Strong analytical and problem-solving skills with a keen eye for software quality assurance.

Technical Skills

Testing: Manual Testing, Automated Testing, Regression Testing, SDLC

Automation Tools: JUnit, Jenkins, Postman

Bug Tracking: JIRA, Bugzilla, QuickScrum

Databases: PostgreSQL, MySQL, SQLite, Room Database

SQL Expertise: Complex Queries, Joins, Indexing, Data Validation, Performance Testing

Programming: Java, Python, SQL, C++

OS / Platforms: Windows, Linux (basic)

Projects

Technologies: Java, Retrofit, Firebase, OpenWeather API, Gson, SharedPreferences, Postman, JIRA

Weather App (GitHub Weather-App)   *Jan 2025*

- ○ Developed real-time weather updates for 1,000+ cities using OpenWeather API with a 98% uptime.
- ○ Designed secure login and sign-up functionality for 20+ users via Firebase Authentication.
- ○ Built a responsive UI supporting dark mode, increasing user engagement by 40%.
- ○ Streamlined API calls using Retrofit, reducing data fetch errors by 30%.
- ○ Ensured persistent user preferences via SharedPreferences, boosting user retention by 20%.
- ○ Conducted thorough regression testing, ensuring app stability and reducing bugs by 35%.

Technologies: Java, Room Database, Firebase, LanguageTool API, MediaStore API, SharedPreferences

Notes App (GitHub NotesAPP)   *Oct 20.*

- ○ Integrated grammar-checking capabilities using LanguageTool API, reducing user-reported typos by 50%.
- ○ Added PDF export functionality via MediaStore API, allowing 150+ users to share professional-quality notes.
- ○ Implemented Firebase Authentication for secure login, with 120+ registered users in the first month.
- ○ Designed a modern UI with edge-to-edge navigation, boosting engagement by 25%.
- ○ Enabled persistent login sessions and preferences using SharedPreferences, improving user retention by 30%.
- ○ Conducted functional and regression testing, ensuring high app stability.

Technologies: C++, Arduino, Blynk IoT, DHT11 Sensor, Soil Moisture Sensor, Methane Gas Sensor, ESP826

Greenhouse Automation (GitHub Greenhouse-Automation)

- ○ Developed an IoT-based system for automated greenhouse management.
- ○ Automated temperature and humidity monitoring using DHT11 sensors, achieving 85% accuracy.
- ○ Designed an irrigation system using soil moisture sensors, reducing water consumption by 30%.
- ○ Configured ESP8266 for wireless data transmission, improving reliability by 25%.
- ○ Implemented real-time data visualization via Firebase, reducing manual checks by 60%.
- ○ Conducted field tests for hardware durability, achieving a 90% success rate in deployments.

Education

Amity University, Mumbai
MCA (Master of Computer Application) *2023–2025*

University of Mumbai
BSc (Information Technology) *2020–2023*

Maharashtra State Board
HSC (Science) *2020*

Maharashtra State Board
SSC *2018*

Certifications

Feb 2024: **Complete Java Development Bootcamp**, Udemy
Nov 2023: **Complete Web Development Bootcamp**, Udemy
2023: **Full Stack Java Development**, QSpider's (Thane)