

Yogesh Dantkale

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SUMMARY

Engineering graduate with a strong foundation in Performance Testing, API Testing, and Automation Basics. Seeking a Performance Testing role to apply test methodologies and analyze performance bottlenecks in real-world applications. Experienced in using Apache JMeter, Postman, and Newman to deliver measurable improvements in system reliability and testing efficiency. Demonstrated ability to contribute to quality assurance through hands-on projects and internship experience in data engineering and backend development.

EXPERIENCE

Data Engineering Intern

Bharat Electronics Ltd (BEL), Bengaluru

- Developed Kafka-based data streaming systems for real-time message processing to enhance data flow efficiency.
- Implemented Spring Boot microservices, resulting in faster data handling with reduced latency.
- Analyzed performance bottlenecks and API response delays across data pipelines to identify optimization opportunities.

Backend Developer Intern

Rail Wheel Factory, Bengaluru

- Developed CRUD applications using .NET Core MVC and SQL Server, ensuring robust backend functionality.
- Designed and validated database schemas through comprehensive test scenarios.
- Utilized UML diagrams (Use Case, Class, Activity) and adhered to Waterfall SDLC model for project management.

SKILLS

Testing Skills Manual Testing, Bug Reporting, SDLC & STLC, API Testing (Postman, Newman, REST), Performance Testing (Apache JMeter), Selenium Basics (WebDriver, Locators, Assertions)

Programming & Tools Python, SQL, Java, Git, JMeter, Postman, Streamlit, VS Code

Core Concepts Performance Metrics, Response Time, Throughput, Latency, Scalability, Kafka Streaming Basics, MVC Architecture, UML Diagrams, DBMS (SQL & NoSQL)

PROJECTS

Performance Testing of Login API using Apache JMeter

- Conducted load testing on a real API with 50 to 300 virtual users to evaluate system performance.
- Analyzed key metrics including Response Time, Throughput, Error Percentage, and Latency using JMeter listeners.
- Identified performance degradation beyond 250 users and recommended database indexing and caching strategies.

Automated API Testing Suite – Postman + Newman, Self Project

- Developed over 30 API test cases for an E-commerce API with assertions on response time, schema, and status code.
- Automated test execution using Newman CLI, generating JSON and HTML reports to streamline testing workflows.
- Achieved a 65% reduction in manual testing time through automation.

Women Safety Monitoring System – Final Year Project (IoT), CMR University

- Designed a wearable IoT device integrating Arduino, GPS, GSM, and sensors to detect distress signals.
- Implemented live SMS alerts with GPS location using GSM module for real-time safety monitoring.
- Conducted over 20 test events and improved sensor sensitivity by 30% through threshold tuning.

EDUCATION

B.Tech in Computer & Communication Engineering, CMR University, Bengaluru

- CGPA: 7.5/10
- Final Year Project: Women Safety Monitoring System (IoT) involving hardware integration and real-time monitoring

Pre-University in Science, Narayana PU College

- Percentage: 73.4%

High School in Science, Narayana E-Techno School

- CGPA: 9.8/10

ACHIEVEMENTS

Presented technical project to a panel of 50+ students and faculty

Successfully led a team of 3 members in final year project