Atharva Borkar

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Education

Franklin University | Columbus, OH   September 2024 – Present
Master of Science in Computer Science   **GPA: 3.5/4.0**
Major: Computer Science **Minor:** Data Analytics
Coursework: Advanced Data Structure and Programming, Analysis of Algorithm, Issues in Database Management, Distributed Systems, Verification and Testing, Introduction to Analytics, Data Visualization and Reporting, Applied Machine Learning

Skills

Programming Languages: JAVA, Python, HTML, CSS, JavaScript.
Backend: NodeJS, DevOps, Springboot, CI/CD, Git.
Framework: Tensor flow, Pytorch, Keras, Pandas, Numpy, Scikit-learn, React.
Databases Technologies: Oracle SQL, MySQL, MongoDB, Cassandra, NoSQL, Hive.
AI Modules: RAG, LLM, LLAMA.
Automation Testing: Selenium using Java, Junit, TestNG.
Google Project Management Certification, Google Data Analysis Certification.

Work Experience

Franklin University   October 2024 – Present

Faculty Assistant
Provided IT support to faculty and students, assisting with technical issues, maintaining classroom technology, and ensuring smooth operation of academic systems.

Infosys   May 2022 – August 2024

System Engineer | Software Development and Enhancements, Automation and Scripting, Database Management, Cloud and DevOps.

- **Built an automation framework using Java & Selenium,** cutting manual testing by 60% and accelerating deployments.
- **Automated data migration with Java & SQL,** reducing processing time by 50% and minimizing errors.
- **Developed a log analysis tool,** reducing debugging time by 40% and improving system reliability.
- **Optimized batch processing**, cutting job execution time by 30% for critical applications.
- **Automated REST API testing,** improving response validation by 45% and ensuring seamless integration.
- **Integrated CI/CD pipelines,** reducing release cycles by 25% and improving deployment accuracy.
- **Maintained Java-based test scripts,** enhancing test coverage by 35% and software quality.

Global Step   October 2021 – April 2022

Software Test Engineer | Test Planning and Strategy, Manual testing, Automation Testing, Performance and load testing, API and Security testing.

- **Automated regression testing using Selenium & TestNG,** reducing manual effort by 65% and accelerating releases.
- **Led API testing with Postman & REST Assured**, improving system reliability by 30%.
- **Optimized performance testing using JMeter,** ensuring 50% higher concurrent user capacity.
- **Designed SQL queries for backend validation,** reducing data-related defects by 45%.
- **Integrated test automation into CI/CD pipelines,** cutting deployment failures by 25%.

Projects

Food Delivery Application | React, Node.js, Java, MySQL.
Developed a **full-stack food delivery platform** with real-time order tracking, secure payments, and user-friendly UI. Integrated **React, Node.js, and MySQL**, enhancing order efficiency by **40%** and improving user experience.

Fraud Detection | Python, Scikit-Learn, Logistic Regression.
Developed an **ML-based fraud detection system** using **Python, Scikit-Learn, and Logistic Regression**, achieving **85% accuracy** in detecting fraudulent transactions. Analyzed transaction patterns, reducing false positives by **30%**, and enhancing security for financial applications.

Clients Websites Development | **Website_1**, **Website_2**, **Website_3, Website_4**.
Designed and developed responsive websites for clients using **HTML, CSS, JavaScript, and WordPress**, optimizing user experience.
Enhanced website performance, reducing load times by 50% and improving SEO rankings.
Integrated CMS, payment gateways, and custom features based on client needs.