Manish Sahu

manishreal34@gmail.com | +91 8480253611 | [LinkedIn](#) | GitHub: github.com/manish465

Skills

- Languages: **Java, JavaScript, Python, TypeScript, HTML, CSS**
- Frameworks: **Spring Boot, React.js, Node.js, Express.js, PyTorch, NumPy**
- Databases: **PostgreSQL, DynamoDB**
- Tools/Tech: **Docker, Kafka, Redis, Selenium, Maven, AWS, LLM, Ollama**

Experience

Power Programmer, Infosys – Bengaluru   MAY 2023 – PRESENT

- **Transformed** a legacy CLI-based internal tool into a modern web-based UI, improving usability and increasing user engagement by **20%**, while reducing on boarding time by **30%**.
- **Developed and executed 100+** unit and integration test cases, which led to a **50%** reduction in production bugs and significantly enhanced overall system reliability.
- **Created** a **scalable Micro Front end** system across **15+** independent applications, reducing deployment time by **40%** and enabling faster parallel development.
- **Built and optimized** a **full-stack application** using **React, Node.js, Express, and DynamoDB**, achieving a **60%** boost in performance and supporting a **2x** increase in concurrent users.
- **Partnered** with cross-functional teams (design, QA, product) to ship **10+** major features per quarter, maintaining a **95%** sprint success rate and ensuring business alignment.
- **Mentored 5+** junior developers and conducted **20+** technical interviews, leading to a **15%** improvement in code quality metrics and a **40%** faster ramp-up time for new hires.

Software Test Engineer, Mindfire Solutions – Bhubaneswar   OCT 2021 – APRIL 2023

- **Automated** complex manual test cases using **Java, Selenium, TestNG, and Maven**, enhancing test efficiency and reducing manual intervention.
- **Increased** test coverage by **30%**, improving the overall reliability and robustness of the testing process.
- **Developed and maintained** automated test scripts with **TestCafe** for web applications, ensuring consistent and reliable testing results.
- **Debugged and resolved** issues in test automation frameworks, contributing to the delivery of high-quality software solutions on time.

Projects

ReadmeGen.Ai   Github

- Engineered an **AI-based microservice app** to auto-generate GitHub READMEs
- **Built** using **Java, Spring Boot, Node.js, and React with a microservices architecture** for modularity and scalability.
- Set up **CI pipelines** via **GitHub Actions**, enabling seamless automated integration.

Sign Language Classifies   Github

- Built a **Convolutional Neural Network (CNN)** using **PyTorch** to classify hand gestures for sign language recognition.
- Utilized **OpenCV** for real-time video capture and image preprocessing to feed live frames into the classifier.
- Followed security best practices to enhance protection against unauthorized access.

Education

Sambalpur University Institute of Information Technology   JUN 2017 – JUN 2021
B.Tech Computer Science Engineering   **GPA: 7.1**