

Aryan Aditya

Patna, Bihar 800002

📞 9113194954 ✉️ aryangsinghaditya18@gmail.com 🌐 www.linkedin.com/in/aryanaditya2003 📄 <https://github.com/aryanaditya2003>

Internship

Prodigy InfoTech

Sep 2024 - Nov 2024

- Three-month internship in software testing at Prodigy Infotech, where I worked on designing, executing, and analyzing test cases for real-world applications, ensuring software reliability and performance.
- Gained expertise in manual and automated testing techniques, including functional, regression, unit, and performance testing, while also learning to identify, document, and track software defects effectively.
- Completed three hands-on projects, implementing various testing strategies such as black-box testing, white-box testing, and automated test scripting, using tools like Selenium, JUnit, and Postman for validation.
- Designed, executed, and optimized detailed test cases and test plans, ensuring comprehensive test coverage.
- Developed and automated test scripts using Java and Python, leveraging frameworks like Selenium WebDriver, enhancing debugging skills and deepening my understanding of software quality assurance (SQA) principles.

Projects

SRS on Instagram / MySQL, Selenium

Oct 2023

- Prepared Software Requirements and Specifications (SRS) for Instagram, outlining system functionalities, constraints, and performance requirements.
- It includes User Management, Profile Management, Content Uploading & Sharing, Direct Messaging, Story & Reel Features, Explore & Search Functionality, Privacy & Security Settings, Advertisement & Monetization, Notification System, and many more functions.
- Applied the Software Development Life Cycle (SDLC) and created Unified Model Language (UML) diagrams and Data Flow Diagrams (DFD) to visualize system architecture and data flow across different modules.
- Gathered and documented all functional and non-functional requirements, created test cases.
- Utilized MySQL for database management and conducted database testing, ensuring data consistency and integrity, while automating test execution using Selenium for UI and backend validation.

Certificates

Cloud Computing Course

NPTEL

Web and Mobile Testing with Selenium

Coursera

Introduction to Software Testing

Coursera

Fundamentals of Management

Coursera

Geeks for Geeks DSA Self-Paced course

Technical Skills

Languages C++, Java, JavaScript, Python

Technologies/Frameworks: Selenium, Appium, Postman, JMeter, Junit, TestNG

Skills: Data Structures and Algorithms, Problem-Solving, Creativity, Project Management

Education

Lovely Professional University Punjab

Bachelor of Technology in Computer Science and Engineering — CGPA: 6.5

Since 2022

Jalandhar, Punjab

Prakritik Public School

Intermediate — Percentage: 81%

2022

Patna, Bihar

DAV Public School

Matriculation — Percentage: 88%

2020

Patna, Bihar