

Muditya Raghav

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Education

Gyan Ganga Institute of Technology and Sciences, B.Tech

Aug 2019 – May 2023

- CGPA: 9.02 /10.0

Experience

QA Associate Engineer, Reliance Jio Platforms – Hyderabad, Telangana

Dec 2023 – March 2025

- Automated feature and **functional testing** using advanced LLM in **Automator AI**
- Enhanced **REST API testing** for improved application reliability
- Developed and executed comprehensive **test cases (800+)**, scenarios, and user story validations.
- Conducted **functionality, regression, integration, UAT, smoke**, and performance testing for robust software validation.

Software Engineer Intern, Persistent Systems – Remote

April 2022 – June 2022

- Revolutionized testing tools in **Excel**, automating intricate **data analyses and manipulations**.
- Achieved a significant **90%** reduction in testing durations, streamlining a **3-hour** process to just **30 min**.
- Employed **Python3**, complemented by **Pandas**, for adept data handling and script optimization

Cyber Security Intern, Cisco Network – Remote

April 2021 – July 2021

- Conducted meticulous security evaluations on E-com websites, utilizing expert tools like **Burp Suite and Nmap**
- Stepped into the realm of bug bounty, contributing to Paypal's **vulnerability identification program** via HackerOne

Technologies

Languages: Selenium (Web UI Testing), (Cypress and playwright), UAT, Manual Testing, API Testing, SQL

Technologies: Azure, Web Drivers, RestAPI, Linux, MongoDB, Jenkins (CI/CD Pipeline)

Framework: Django, Next.JS

Projects

QQ Payment Gateway

Github/QQPay

- Engineered a payment gateway, leveraging **Solana Network and Web3**, bridging fiat and cryptocurrency for SMEs.
- Integrated a double-spending deterrent via **Solana's Proof of History (PoH)** consensus
- Enabled frictionless conversions between cryptocurrencies and fiat, democratizing payment choices for businesses.

Contactless Payment and Checkout System

Github/Justwalkout

- Semi-Finalist, Microsoft Imagine Cup Hackathon 2021
- Designed high-performance web applications harnessing **Django Rest Framework**.
- Amplified store security by **40%** with a virtual cart system, integrating cameras and weight sensors, deterring shoplifting
- Slashed checkout queues by **60%** with a Face ID-based contactless payment system, elevating shopping experiences.

Publications

AI-Based System to Detect Person and Their Activity in Low Illuminated Space
The Future of Payment Systems: Transitioning from REST to gRPC for
Improved Efficiency and Security (Read : 1000 approx)

July 2022
March 2023