

PROFESSIONAL SUMMARY

Aspiring Quality Analyst with strong foundations in Java, SQL, and Test Automation. Skilled in manual & automated testing (SDLC, STLC, Selenium, API Testing) with hands-on experience in software testing. Seeking an entry-level manual test or automation role to apply problem-solving skills and contribute to building reliable software systems.

EDUCATION

Raj Kumar Goel Institute of Technology

Bachelor of Technology, CSE-IoT

Ghaziabad, India

October 2021 – July 2025

Rani Laxmi Bai Memorial School

Intermediate

Lucknow, India

July 2020

Rani Laxmi Bai Memorial School

High School

Lucknow, India

May 2018

SKILLS SUMMARY

- **Software Tools:** JIRA (Manual Testing), Postman (API Testing), SQL Plus, Selenium WebDriver, FireFlink
- **Programming & Scripting Languages:** Java, SQL (Oracle), HTML, CSS
- **Development Platforms & IDEs:** Visual Studio Code, Eclipse IDE
- **Coursework & Concepts:** Object-Oriented Programming (OOPS), Operating Systems, Computer Networks
- **Soft Skills:** Teamwork, Excellent Communication, Rapport Building, People Management

EXPERIENCE AND INTERNSHIP

Compliance Test Engineer | Techziq Solutions, Noida

July 2025 – November 2025

- **Performed** comprehensive compliance testing for online **Slot** and **Roulette** games, ensuring adherence to market-specific regulations (e.g., **UK, Malta, Germany, Brazil**), responsible gaming guidelines, and payout rules.
- **Conducted** full game testing, regression, and specialized **"Top Up" (delta) testing** on the **Forge** platform to validate software updates against jurisdictional requirements.
- **Executed** traceability and integrity audits by validating **SHA-1 file hashes** against approved manifests within the **M-Files** document control system.
- **Maintained** a meticulous, auditable trail by logging all test evidence and results in **M-Files**, following strict check-in/check-out procedures.
- **Authored** and compiled final compliance test reports (**UKGC, AGCO, NJDGE, MGA**) by gathering and verifying data from **M-Files** and the **Forge** platform.
- **Collaborated** with developers and compliance teams by documenting, tracking, and managing all non-compliance issues and software defects within **ClickUp**.

Software Development Engineer in Test | JSpiders, Noida

January 2025 – June 2025

- **Led** QA strategy as **Team Lead** and **Scrum Master** for the **Goibibo** web platform, managing sprint ceremonies (DoD/DoR) and end-to-end testing (search, booking, payments).
- Developed NLP-driven automation scripts using **FireFlink** and stabilized UI automation for **Starquik** by creating robust **XPath** strategies for dynamic elements.
- Configured **Zephyr** with NLP-style scripts and performed manual testing methodologies, including writing test plans and executing test cases.
- Streamlined regression cycles by isolating failed tests via run analytics to optimize reruns.

IoT Based Internship | Qmansys Infosolutions (NASSCOM)

July 2024 – October 2024

- **Role:** Project Developer Trainee
- Developed a complete IoT system for real-time air quality monitoring (pollutants, gases, temperature) featuring automated safety responses (fan control, warning lights), instant alerts via SMS and web

Industrial Trainee – Software Development | IIIS, Delhi

April 2024 – June 2024

- Completed an intensive eight-week industrial training in Software Development.
- Worked on eliciting and documenting FRs and NFRs for University Examination System.
- Gained practical experience in requirements engineering and system analysis phases of SDLC.

PROJECTS

Resource Allocation Using Blockchain for Disaster Relief and Management

- Developed and deployed Solidity smart contracts (Campaign, CampaignFactory) on Polygon Amoy using Hardhat, implementing donor-majority approvals and safeguarded fund flows end-to-end.
- Integrated IPFS for immutable media and metadata, linking content-addressed assets to on-chain records for cost-effective, transparent storage workflows.
- Applied PoS finality with SHA-256 and Keccak-256 hashing across transactions and requests to ensure tamper-evidence, data integrity, and deterministic verification paths.

Autonomous Line Follower Robot

Developed an autonomous 2WD line-follower robot controlled by an Arduino Uno, integrating a car kit, two IR sensors, and an L298N motor driver powered by a Lipo 2S battery, and optimized performance by adjusting PWM frequency (7812.5 Hz) for precise low-speed motor control.

CERTIFICATIONS

Programming in Java (Meta)

- Learned fundamentals of JAVA syntax (control flow, loops, functions, data structures) and Object-Oriented Programming Concepts.

Industrial Training of Software Development (IIIS, Delhi)

- Gained practical experience eliciting FRs and documenting NFRs for a university examination system.
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EXTRA – CURRICULARS

- **Chief Advisor** at IOTuino Club RKGIT ([@iotuino_official](#))
 - **President** of the Photography and Filming Club ([@thephotoholics_rkgit](#))
 - **Designing Head** in society of Innovation and Incubation, SPIC ([@spic_rkgit](#))
 - **Volunteer** in Light de Literacy ([@official_ldl](#))
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