

# OM PANT

## OBJECTIVE

Aspiring Software Developer / SDET 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 development and IoT projects. Seeking an entry-level developer or test 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, Postman (API Testing), Oracle SQL Developer, Selenium WebDriver, FireFlink
- **Programming & Scripting Languages:** Basic Java, SQL (Oracle), HTML, CSS, JavaScript
- **Development Platforms & IDEs:** Visual Studio Code, Eclipse IDE for Java Developers
- **Coursework & Concepts:** Object-Oriented Programming (OOPS), Operating Systems, Computer Networks
- **Soft Skills:** Teamwork, Excellent Communication, Rapport Building, People Management

## INTERNSHIP AND TRAINING

### Software Development Engineer in Test | JSpiders, Noida July 2025 – Present

- Proficient in manual testing methodologies (SDLC, STLC), including writing test plans, executing test cases, documenting defects, and performing backend data validation with SQL.
- Gained initial test automation experience by creating NLP-driven scripts for web applications using FireFlink during a RoboWaves internship and extended the internship by validating Starquik's critical journeys end-to-end, producing automation-ready test cases and stabilizing UI automation with robust XPath strategies for dynamic toasts; also streamlined reruns by isolating failed tests via run analytics to speed regression cycles.
- Led QA strategy for the Goibibo web platform as Team Lead and Scrum Master, delivering end-to-end testing across search, booking, checkout, payments, cancellations/refunds, and accounts; ran sprint ceremonies, defined DoD/DoR, set up Zephyr with NLP-style scripts, and enforced shift-left quality.
- Actively developing skills in advanced test automation using Selenium WebDriver

### IoT Based Internship | Qmansys Infosolutions July 24 – October 24

- **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 | IIS, Delhi April 24 – June 24

- **Role:** Trainee
- 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 (IIS, 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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