

# Prabhakaran Ravi

QA Automation Engineer

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## SUMMARY

Detail-oriented QA Automation Engineer with 3 years of experience in designing and executing test automation strategies for UI and API testing. Adept at identifying bugs, ensuring software reliability, and optimizing processes to deliver high-quality products. Proficient in tools like **Playwright**, **JavaScript**, and **API Testing**. Passionate about driving continuous improvement and staying up-to-date with emerging testing technologies to consistently enhance product quality and streamline development cycles

## EXPERIENCE

### QA Automation Engineer

Mar '22 — Present  
Chennai, India

Lumel Technologies LLP

- Developed & maintained automated test scripts for Inforiver ( SaaS product for Power BI reporting), using **JavaScript** with **Playwright** frameworks.
- Developed **API Testing** for the Inforiver scheduling feature to validate the functionality of scheduling report subscriptions in disparate frequencies ( hourly/daily/weekly/monthly).
- Utilized Swagger for API documentation/testing to verify scheduler frequency settings to assure desired subscription jobs execution.
- Collaborated with Dev. leads, QA managers & cross-functional teams on performance improvements while sharing weekly performance results & resolving API issues.
- Developed ValQ (a SaaS product) automation, contributing to the project to ensure seamless automation and test coverage.
- Conducted POCs focused on enhancing coding standards within the QA automation team. Supported manual testing for ValQ for Business planning, scenario analysis (what-if) in Power BI.
- Developed an **Automation OpenAI Tool** (Nvidia APIs) using ReactJS that generates code documentation & provides asynchronous methods based on specified XPath.
- Developed & executed front-end **Performance Test** scripts for the Inforiver project using **JavaScript** and **Playwright**, focusing on metrics such as time taken (in milliseconds) and memory usage (in bytes).
- Utilized shell scripting to fully automate processes, achieving a 100% reduction in manual execution effort. Tech Stacks Used: **SQL**, **Shell Scripting**.

### Transmission Executive

May '17 — Apr '18  
Chennai, India

Perfect Digital Media Resources (P) Ltd

- Checking the quality of content creation and get it validated by the team lead.
- Supported cross-functional teams by assisting them with author files like pdf, images.
- Coordinated with disparate team members for final tasks updates in the excel sheet.

## EDUCATION

**Bachelor of Engineering in Electrical and Electronics Engineering**, Sri Krishna College of Engineering Jul '13 — Apr '17  
And Technology (GPA: 70%) Coimbatore, India

**SSLC & HSC**, RMPS Ramiah Nadar Higher Secondary School (GPA: 90%) Jun '11 — Mar '13  
Madurai, India

## SKILLS

**Programming Languages** JavaScript, SQL, Java

**Testing Frameworks** CodeceptJS, Playwright, TestCafe

**Version Control** Git

**Automation** UI Automation, API Testing, Postman, Power Automate

**Project Management Tool** Azure DevOps

**Soft Skills** Enthusiastic to learn, Effective Communication, Can-do Attitude, Problem Solving & Analytical Mindset, Team Player & Collaboration

## CERTIFICATIONS

**JavaScript (Basics)**

HackerRank

Sep '24

**Performance Testing: Introduction to k6 for Beginners**

Udemy

Feb '24

<b>Python (Basic)</b> HackerRank	Jan '24
<b>Digital Transformation with Google Cloud</b> Coursera	Nov '23
<b>SQL (Basics)</b> HackerRank	Feb '24
<b>AWARDS</b>	
<b>Rising Star Award</b> Lumel Technologies LLP In Q2 2023, I proudly received the 'Rising Star Award' from Lumel Technologies LLP	Apr '23
<b>RAJYA PURASKAR</b> Bharat Scouts and Guides - RMPS Ramiah Nadar Hr Sec School	Jan '13