

## PROFESSIONAL SUMMARY

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Detail-oriented QA Engineer with 3 years of experience in Manual, API, and Automation Testing, combined with strong upskilling in Data Science and Analytics. Proficient in Selenium WebDriver, TestNG, Postman, SQL, Python, Excel, Power BI, and Tableau, with hands-on experience in data-driven projects and dashboard development. Experienced in applying analytical thinking to improve test coverage, validate data accuracy, and support business decision-making. Recently completed Machine Learning and Generative AI training with real-world projects, demonstrating the ability to bridge quality engineering and data science to deliver high-quality, insight-driven solutions.

## COURSES COMPLETED

- SQL for Data Analysis
  - Advanced Microsoft Excel
  - Power BI Certification (with Real-Time Project Completion)
  - Python Programming – Project-Based Completion
  - Completed comprehensive Data Science program
  - Machine Learning fundamentals and applied projects
  - Generative AI (Gen AI) tools and applications
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## POWER BI INTERNSHIP PROJECT

### Employee Performance & Attrition Dashboard

- Designed an interactive Power BI dashboard analyzing employee performance and attrition trends.
  - Implemented bar charts, donut charts, maps, slicers, and KPIs for insights.
  - Identified the 26–35 age group as the highest attrition segment, aiding HR decision-making.
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## PYTHON PROJECTS

### Grocery Supermarket Billing System

- Implemented product listing, cart selection, billing calculation, and discount logic.
- Used Python dictionary-based inventory and file handling.

### ATM Simulator Project

- Simulated withdrawal, deposit, PIN verification, and balance enquiry.
- Demonstrated real-world transactional logic using loops and functions.

### Quiz Game Application

- Developed a multi-question quiz with scoring, conditional logic, and replay functionality.
- Applied loops, conditionals, and user-input handling.

## MACHINE LEARNING PROJECTS

### Heart Disease Prediction Project

- Built ML model to predict heart disease risk using patient health data.
- Performed data preprocessing, feature engineering, and model evaluation.

### Credit Card Project (Fraud/Analysis)

- Developed ML-based solution for credit card data analysis.

- Applied classification techniques and performance evaluation.

## **Tableau – Electric Vehicle Data Analysis**

### **CORE COMPETENCIES**

- **Testing Tools:** Selenium WebDriver, TestNG, Postman, JIRA
  - **Programming & DB:** Java (Basic), Python, SQL
  - **Automation:** Selenium + TestNG, Data-Driven Testing (Apache POI)
  - **Testing Types:** Manual, API (REST), Regression, Functional, Smoke, Sanity
  - **Methodologies:** Agile Scrum, SDLC, STLC
  - **Others:** Defect Management, Test Case Design & Execution, CI/CD Basics (Jenkins), Power BI, Excel
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### **PROFESSIONAL EXPERIENCE**

#### **Associate Quality Analyst | Ladybird Web Solutions Pvt. Ltd | Nov 2022 – Jul 2025 | Dharmapuri**

- Designed & executed functional, regression, and API test cases for Help Desk, Billing, and Mobile Apps.
- Conducted API testing using Postman; validated REST APIs and optimized response accuracy.
- Automated regression suites using Selenium WebDriver + TestNG, reducing manual efforts by 30%.
- Reported & tracked defects in JIRA, reducing defect leakage by 20%.
- Implemented data-driven testing using Apache POI for multi-scenario validation.
- Collaborated with cross-functional teams during Agile sprints, ensuring timely releases.

#### **Junior Analyst – Fraud Risk Management | Teleperformance Global Services Pvt. Ltd | Jul 2021 – Nov 2021 | Chennai**

- Monitored suspicious credit card transactions and minimized fraud risks.
  - Handled escalations related to disputes and fraud prevention with 99% accuracy.
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### **INTERNSHIP**

#### **QA Trainee | QSpiders, Chennai | Jan 2022 – Aug 2022**

- Executed manual test cases, documented test results, and created detailed bug reports.
  - Hands-on experience with Selenium automation, API Testing (Postman), and JIRA.
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### **EDUCATION**

- **B.E. – Computer Science and Engineering** | Saveetha Engineering College, Anna University (2013–2017) | CGPA: 6.26
  - **HSC – 80.4%** | Sri Vijay Vidyalaya MHSS (2012–2013)
  - **SSLC – 78.4%** | Sri Vijay Vidyalaya MHSS (2010–2011)
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### **CERTIFICATIONS**

- Software Testing Course – Sainora Infotech (Apr 2018 – Jul 2018)
  - Faveo Admin Panel – Udemy
  - SQL, Excel, Power BI, Python – Completed Courses
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**LANGUAGES**

- English (Read, Write, Speak)
- Tamil (Read, Write, Speak)
- Telugu (Speak)

