

PARTH LAD

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SUMMARY

Postgraduate in Computer Science with hands-on experience in Java, Python, RPA (AutomationEdge), Software Testing, and SQL. Skilled in developing automation workflows, backend applications, and data-driven solutions, with strong problem-solving and QA expertise. Adaptable for roles in Java/Python Development, Software Testing, and RPA Automation.

TECHNICAL SKILLS

- **Automation & Testing :** AutomationEdge Process Studio, Selenium WebDriver, Manual Testing & API Testing (Postman)
 - **Programming & Data:** Java (OOP Concepts), Python (Pandas, NumPy), SQL, HTML, CSS, JavaScript
 - **Databases:** PostgreSQL (pgAdmin), MySQL
 - **Data Visualization:** Tableau, Matplotlib
 - **Tools & Platforms:** Excel, Jupyter Notebook, Git/GitHub
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WORK EXPERIENCE

RPA Developer & QA Intern – AutomationEdge | Apr 2025 – Sep 2025

- Built and optimized 5+ automation workflows in Process Studio for BFSI and Healthcare use cases, reducing manual effort by ~30%.
- Automated payer eligibility checks and prepared detailed process documentation.
- Developed a Java-to-RPA workflow utility supporting database operations (SQL queries, updates).
- Tested and validated Process Studio plugins for accuracy, reliability, and performance.
- Designed and executed test cases with various inputs (valid/invalid JSON, API calls, connection checks).
- Reported defects and collaborated with the development team to enhance plugin stability.

Data Analyst Intern – Unified Mentor | Nov 2024 – Dec 2024

- Cleaned and transformed large datasets using Python (Pandas, NumPy) to ensure data accuracy.
 - Performed exploratory data analysis (EDA) to identify trends and support business decisions.
 - Built interactive Tableau dashboards to communicate insights to stakeholders.
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PROJECTS

Ohioans Medicaid Payer Portal Automation

- Developed an AutomationEdge workflow to check insurance eligibility on the Ohioans Medicaid payer portal.
- Automated data entry for member and policy details to reduce manual effort.
- Implemented eligibility validation logic to ensure correct insurance status verification.
- Automated results capture and storage in structured format for reporting.
- Ensured workflow accuracy, reliability, and compliance with healthcare process standards.

Netflix Data Analysis - <https://github.com/Parthlad1/netflix-data-analysis>

- Analyzed Netflix user ratings, viewing history, and content metadata to identify preferences and content popularity trends.
 - Cleaned and preprocessed data (handled missing values, outliers) using Python (Pandas, NumPy) to create high-quality datasets.
 - Conducted EDA to identify top-rated movies/TV shows, most-watched genres, and regional content preferences.
 - Visualized insights using Tableau and Matplotlib, developing interactive dashboards to communicate findings effectively to stakeholders.
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EDUCATION

Master of Computer Science | K J Somaiya College of Arts and Commerce | Jun 2022 – Jul 2024

Bachelor of Computer Science | K J Somaiya College of Arts and Commerce | Jun 2019 – Apr 2022

CERTIFICATIONS

Data Analyst Internship - Unified Mentor

Data Analyst Training - Null Class

Automation Edge Foundation - ValueDx Technologies