

SUMEDHA PUNDALIK PARANDE

7744010096 | sumedhapparande@gmail.com | linkedin.com/in/sumedha-parande | Pune, India

PROFESSIONAL SUMMARY

Senior Systems Engineer with 4 years of experience in enterprise QA, test automation, and data-driven analysis at Infosys. Skilled at leveraging SQL, Power BI, and automation frameworks to uncover business insights and improve delivery quality on Fortune-500 telecom engagements. Seeking to deepen analytical expertise through a Master's in Business Analytics.

PROFESSIONAL EXPERIENCE

Infosys Limited

July 2022 – Present

Senior Systems Engineer — Charter Communications Account

Pune, India

- Designed SQL-driven data validation frameworks that reconcile billing records against upstream data feeds for Charter Communications, identifying pricing discrepancies worth tens of thousands of dollars before reaching production.
- Built an automated regression suite in **Java** and **Selenium**, reducing sprint testing cycle from 5 days to 2 and freeing 60% of engineering bandwidth for feature development.
- Created real-time **Power BI** dashboards tracking defect trends, test coverage, and release quality metrics; adopted by delivery management for direct use in client stakeholder reviews.
- Analyzed 6 months of order-fallout data segmented by product, geography, and time; pinpointed a stale legacy code mapping, reducing monthly fallout volume by ~33%.
- Mentored 3 junior engineers via “SQL Office Hours” sessions on query optimization and data models; all 3 received quarterly recognition awards.

Infosys Limited

July 2021 – June 2022

Systems Engineer — Adobe Smart Healthcare Project

Pune, India

- Validated data flows between patient records and analytics reporting layer across 15+ integration endpoints; independently discovered 3 silent data quality issues corrupting downstream reports.
- Contributed data-backed process improvement suggestions in Agile retrospectives within a 15-engineer cross-functional team.

EDUCATION

Savitribai Phule Pune University

July 2017 – June 2021

Bachelor of Engineering in Civil Engineering

- Led a 4-member capstone team that built a **cost-optimization model for affordable housing** using linear programming in Excel Solver; achieved a projected 12% reduction in material costs.
- Relevant coursework: Operations Research, Project Planning & Estimation, Construction Management, Engineering Mathematics, Probability & Statistics.
- Qualified **GATE 2022** (Civil Engineering).

TECHNICAL SKILLS

Data & Analytics:	SQL (Advanced), Power BI, Excel (Pivot Tables, Solver, VLOOKUP), Data Validation, ETL Concepts
Programming:	Java, JavaScript, Python (Basic), HTML/CSS
Automation & Testing:	Selenium WebDriver, TestNG, Maven, Postman, SoapUI, REST/SOAP APIs, Jenkins CI/CD
Tools & Platforms:	Git/GitHub, JIRA, ALM, AWS, Linux, Agile/Scrum

CERTIFICATIONS

AWS Certified Cloud Practitioner — Amazon Web Services	Jan 2024
Java SE 8 Developer — Infosys Certification	Jan 2024
Professional Generative AI for All — Infosys Certification	Jan 2024
MySQL Associate — Infosys Certification	Jun 2023

AWARDS & ACTIVITIES

- Received multiple **Insta Awards** at Infosys for outstanding contributions to Charter Communications delivery.
- Active volunteer, **Prayas Youth Forum and Social Research Foundation** — community outreach and education drives.