VARUN RASAL

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PROFESSIONAL SUMMARY

Results driven Data Analyst with hands on experience transforming structured data into actionable business insights using SQL, Python, Excel, and Power BI. Strong in data cleaning, exploratory and statistical analysis, and building interactive dashboards to highlight trends and key performance indicators. Experienced in applying AI and Generative AI tools, including prompt engineering, to accelerate analytical workflows and extract precise insights. Committed to driving data informed decision making through rigorous analysis, accurate reporting, and clear communication.

TECHNICAL SKILLS

Languages: SQL, Python (pandas, NumPy)

Tools: Excel, Power BI

Analytics and BI: Exploratory Data Analysis, Correlation Analysis, Hypothesis Testing, Trend Analysis

Excel: Pivot Tables, VLOOKUP, XLOOKUP

Generative AI: Prompt Engineering, Generative AI Tools

Soft Skills: Problem Solving, Analytical Thinking, Attention to Detail

EXPERIENCE

AI ML Intern | Infosys Springboard (Virtual)

Sep 2025 – Nov 2025

• Developed a multi modal plant disease detection system using ResNet 18 in PyTorch and a fine tuned transformer model for image and text based diagnosis.

• Built and deployed an end to end solution using FastAPI and React with a rule based treatment recommendation engine.

PROJECTS

AI Powered Plant Disease Diagnosis | Python, PyTorch, FastAPI (GitHub)

• Analyzed plant disease datasets combining image and symptom data to derive actionable insights and enable real time disease classification.

Customer Churn Analysis | Excel, SQL, Power BI | (GitHub)

• Analyzed 7,043 telecom customer records to identify churn drivers, built Power BI dashboards tracking churned customers, churn rate, and revenue at risk, and developed an interactive HTML page using prompt engineering.

Sales Performance Dashboard | Power BI, DAX, Excel | (GitHub)

• Built an executive dashboard analyzing 9,800 plus transactions to track year over year growth, regional contribution, and product profitability, reducing manual reporting effort by 40 percent.

EDUCATION

Bachelor of Engineering in Computer Engineering | A C Patil College of Engineering Navi Mumbai
Graduation 2026 | CGPA 7.64

CERTIFICATIONS

• Artificial Intelligence and Machine Learning Virtual Internship - Infosys Springboard (certificate)

• Data Analysis in MATLAB (certificate)

• Generative AI - Outskill (certificate)

ADDITIONAL INFORMATION

Co-authored an IEEE format research paper titled "Polar Path Optimizer" as part of a final year major project.