

# VARUN RASAL

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## PROFESSIONAL SUMMARY

Analytical and results driven Data Analyst with a strong foundation in Python, SQL, and Power BI, skilled at transforming raw data into actionable business insights. Experienced in data cleaning, visualization, and predictive modeling through multiple hands on AI/ML and Data Science internships. Adept at building scalable data workflows, statistical models, and dashboards that support strategic decision making. Recognized for problem solving, attention to detail, and a structured approach to complex data challenges. Passionate about leveraging analytics and automation to optimize performance and drive data backed decisions in fast paced, growth oriented environments.

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## EXPERIENCE

### Data Science Intern — Eduexpose (Virtual)

*Dec 2025 – Mar 2026*

- Analyzed and visualized data using Python, NumPy, Pandas, Matplotlib, and Seaborn.
- Performed data cleaning, preprocessing, feature engineering, and exploratory data analysis on multiple datasets.
- Applied statistical methods such as probability distributions, hypothesis testing, correlation, and regression.
- Built and evaluated machine learning models (Linear Regression, Logistic Regression, Clustering, Decision Trees).
- Utilized Hadoop, Spark, and NoSQL databases for large-scale data processing.
- Improved data pipeline efficiency by modularizing and optimizing workflows.

### AI/ML Intern — Infosys Springboard (Virtual)

*Sep 2025 – Nov 2025*

- Built a plant disease detection model using PyTorch and ResNet-18 for image classification.
- Deployed REST APIs with FastAPI and integrated with a React based frontend for real-time inference

- Developed a recommendation engine for treatment suggestions using model outputs.
  - Managed end to end ML lifecycle including dataset preparation, model tuning, backend integration, and deployment.
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## EDUCATION

### **Bachelor of Engineering in Computer Engineering**

A. C. Patil College of Engineering, Navi Mumbai

*Expected Graduation: 2026*

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## SKILLS

- **Programming:** Python, SQL
  - **Data Tools:** Power BI, Excel
  - **Analytics:** Data Cleaning, EDA, Statistical Analysis, Data Modeling
  - **Machine Learning:** Regression, Classification, Clustering, Feature Engineering
  - **Big Data:** Hadoop, Spark
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## CERTIFICATIONS

- Infosys Springboard — Artificial Intelligence & Machine Learning Virtual Internship
  - Eduexpose — Data Science Virtual Internship
  - Outskill — Generative AI Mastermind
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## PROJECTS

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## **LANGUAGES**

- Marathi — Native
- English — Proficient
- Hindi — Proficient

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## **DECLARATION**

I hereby declare that the above mentioned information is correct to the best of my knowledge and I take full responsibility for the accuracy of the details provided.