

# AJEET RAGHUVANSHI

[dsajeet2024@gmail.com](mailto:dsajeet2024@gmail.com) | +1 (774)-526-9482

portfolio: <https://ajeetraghuvanshi.vercel.app/>

## PROFESSIONAL EXPERIENCE

### Engineer – Technology

April 2021 – May 2024

Virtusa Consulting Service Pvt. Ltd.

Bengaluru, KA, India

- **Promoted to Engineer Technology** for boosting API efficiency by 60% and mentoring developers, leading to a **70% increase in team productivity**.
- **Streamlined 30+ API workflows**, reducing data retrieval time by 60% and ensuring uninterrupted performance during peak usage periods.
- **Led the implementation of a CI/CD pipeline**, cutting deployment time by 50% and enabling quicker product releases with minimal downtime.
- **Optimized database queries**, reducing operational costs by 20% and improving application response time during high-traffic periods.
- **Spearheaded a feature rollout** that increased user engagement by 40%, directly contributing to a **15% revenue growth**.
- **Collaborated with cross-functional teams** to design a data-driven marketing strategy, leading to a **25% boost in client acquisition rates**.

## EDUCATION

### University of Massachusetts

Master's in Data Science

Dartmouth, MA, United States

August 2024 – Present

### Teerthanker Mahaveer University

Bachelor's of Technology

Moradabad, UP, India

August 2016 – August 2020

## TECHNICAL SKILLS

**Languages:** Python, Java, C, SQL, PL/SQL, HTML, CSS.

**Frameworks:** Spring Boot, Hibernate, Junit.

**Tools & Libraries:** Git, Pycharm, Jupyter Notebook, Eclipse, VS Code, MySQL, Matplotlib, pandas, numpy, scikit-learn.

**Specializations:** Data Science, Machine Learning, Data Analytic, Data Visualization, Statistics, Debugging, End-to-End Development, Cross-Functional Collaboration.

## PROJECTS

### Forex Price Prediction | Python, XGBoost, scikit-learn

September 2024 – October 2024

- **Built a predictive model** for Forex prices using XGBoost, achieving **79% accuracy** with advanced time series analysis and feature engineering.
- **Reduced error margins by 25%** through hyperparameter tuning and thorough cross-validation.
- **Generated data visualizations** with Matplotlib, helping stakeholders optimize trading strategies.

### Connect Globe

April 2021 – August 2021

- **Developed** a community platform for **500+ users**, driving **150+ weekly posts** and improving retention rates by **30%**.
- **Engineered secure authentication systems**, reducing security incidents by **40%** and enhancing platform reliability.
- **Built an admin dashboard**, optimizing content management tasks and reducing completion time by **30%**.

### Credit Card Fraud Detection | Python, scikit-learn, pandas

January 2021 – March 2021

- Developed a classification model to identify fraudulent credit card transactions, **achieving 76% precision and 70% recall**.
- Engineered advanced features to enhance model accuracy and differentiate between legitimate and fraudulent.
- Tuned hyperparameters to balance recall and precision, **reducing false positives by 20%**.

## AWARDS & CERTIFICATES

### Virtusa Consulting Service Pvt. Ltd.

Bengaluru, KA, India

**Promoted** to Engineer Technology for **exceptional performance**, including a **60% boost** in API efficiency and mentoring that improved team productivity by **70%**.

### Java SE 8 Programmer Certification

Oracle Certified Associate

September 2021 - Present