

# Harshith Gade

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Jersey City, NJ, USA

## Summary

Data Science Master's student at NJIT with expertise in **machine learning**, big data, and statistical modeling. Skilled in **Python**, **SQL**, and **NLP** with hands-on experience in **large-scale data processing** and **predictive modeling**. Passionate about **AI-driven insights** and **automation**.

## Education

**New Jersey Institute of Technology**  
*M.S. in Data Science*

Newark, NJ  
Sep 2023 - Dec 2024 — GPA: 3.7/4.0

**Geethanjali College of Engineering and Technology**  
*B.Tech in Electronics and Communication Engineering*

Hyderabad, India  
Aug 2018 - Jun 2022 — GPA: 7/10

## Skills

**Machine Learning & AI:** Scikit-learn, TensorFlow, PyTorch, BERT, XGBoost, Regression, Clustering  
**Big Data & Cloud:** Apache Spark, Hadoop, AWS (S3, EC2, Lambda), Databricks, MapReduce, ETL Pipelines  
**Data Science & Analytics:** SQL, Pandas, NumPy, Statistical Modeling, A/B Testing, Time Series  
**Programming:** Python, R, SQL, Java, C —  
**Tools:** Git, REST APIs, JIRA, Tableau, Excel (Pivots, VLOOKUP)

## Experience

**Programmer Analyst**

Nov 2022 - Jul 2023

**Cognizant Technology Solutions India Pvt. Ltd.**

Hyderabad, Telangana, India

- Built and sustained **middleware applications** leveraging **Spring Boot and Java** technology stack.
- Engineered and implemented **RESTful APIs** utilizing **Postman and Node.js** for seamless integration across multiple systems.
- Elevated **system performance and scalability** by implementing **code refactoring** and adopting efficient algorithms.
- Partnered with **cross-functional teams** to gather requirements and deliver **top-tier software solutions**.

**Programmer Analyst Trainee Intern**

Mar 2022 - Nov 2022

**Cognizant Technology Solutions India Pvt. Ltd.**

Hyderabad, Telangana, India

- Acquired and honed skills in **Java, HTML, CSS, Spring Boot, and SQL**.
- Executed a **trading system project**, showcasing proficiency in **algorithm design** and leveraging **Java and Spring Boot** technologies.
- Enhanced ability to quickly **grasp new technologies** and contribute effectively to **project objectives**.
- Collaborated with **team members** to ensure project milestones were met **on time and with high quality**.

## Projects

**Flight Data Analysis using Big Data**

Apr 2024 - May 2024

- Processed **500M+ flight records** using **Apache Hadoop & Spark**, identifying delays and performance trends.
- Automated **ETL workflows with Oozie**, reducing processing latency by **30%**.
- Built a predictive model using **Random Forest** to classify flight delays with **89% accuracy**.

**Credit Risk Analysis Model**

Apr 2024 - May 2024

- Analyzed **100K+ financial transactions** using **SQL & Python** to identify risk factors.
- Developed **Logistic Regression & Random Forest models**, achieving **92% accuracy**.
- Built an interactive dashboard in **Tableau** to visualize risk distribution across customers.

**Netflix Recommendation System using BERT**

Oct 2023 - Dec 2023

- Developed a **BERT-powered NLP model** for personalized recommendations, improving accuracy by **12%**.
- Optimized training time by **30%** through model hyperparameter tuning and parallelization.
- Processed **1M+ user reviews** to extract meaningful sentiment-based features.

## Leadership & Achievements

**Lead, Robotics Club – Geethanjali College**

2020 - 2022

- Trained **10+ members** for college hackathons, securing **1st place** in Vysheshika Hackathon (2018).
- Led the development of a **fully autonomous robot**, securing **1st runner-up** in inter-college competition.