

AYUSH PIYUSHKUMAR SATVARA

812 Newark Ave, Jersey City, NJ 07306 US | (562) 668-1855 | ayushsatvara2002@gmail.com

PROFESSIONAL SUMMARY

A versatile and analytical Computer Science professional with a Master's degree and a proven understanding of the full software development lifecycle. Experienced in frontend development (HTML, CSS, JavaScript) and machine learning (Python, Pandas), I am eager to apply robust data science skills to build scalable, data-driven applications and features.

SKILLS

- **Programming & Data Analysis:** Python, Pandas, NumPy, Scikit-Learn, Matplotlib, SQL
- **Web Development:** HTML5, CSS3, JavaScript (ES6+), jQuery
- **Machine Learning:**
Models: Linear Regression, Logistic Regression, Decision Trees, Random Forests, Gradient Boosting (XGBoost, LightGBM)
Concepts: Feature Engineering, Model Validation (Cross-Validation)
- **Databases:** MySQL, MongoDB
- **Core Computer Science:** Data Structures, Algorithms, Object-Oriented Programming (OOP)
- **Tools & Technologies:** Git, GitHub, Jupyter Notebooks, VS Code

EDUCATION

Computer Science - Master of Science	2026
New York Institute of Technology – New York City Campus	New York, NY
Information Technology - Bachelor of Engineering	2022
LDRP Institute of Technology and Research	Gandhinagar, GJ

WORK HISTORY

Front End Web Developer	July, 2022 to September, 2022
Web Mavens	Ahmedabad, GJ
<ul style="list-style-type: none">• Developed and maintained responsive, user-facing web pages.• Implemented interactive and dynamic features to enhance user experience and engagement.• Collaborated with the development team to translate UI/UX design wireframes into high-quality, functional code.• Identified and resolved cross-browser compatibility issues to ensure a consistent user experience across all platforms.	

CERTIFICATIONS

- Intermediate Machine Learning, *Kaggle*
- Pandas, *Kaggle*
- Python, *Kaggle*

PROJECTS

Housing Price Prediction Model <i>Kaggle Competition</i>
<ul style="list-style-type: none">• Developed a machine learning model to predict housing prices using Python, Pandas, and Scikit-Learn.• Performed extensive data cleaning, handled missing values, and applied feature engineering to improve model accuracy.• Implemented and compared various regression models, including Random Forest and XGBoost, achieving a score in the top 25% of the leaderboard.