

Arnav Rohilla

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Objective

Highly motivated and detail-oriented Computer Science graduate seeking a Software Development Engineer position to leverage programming skills and problem-solving abilities in a dynamic team environment.

Education

Bachelor of Technology in Computer Science and Engineering

Malaviya National Institute of Technology Jaipur

Graduation: May 2027 (Expected)

GPA: 7.8/10

Projects

Predictive Modelling of House Prices

Technologies Used: Python, Numpy, Pandas, XGBoost

- Implemented data cleaning, normalization, and missing value imputation to prepare the dataset for modeling.
- Tuned XGBoost hyperparameters to enhance model accuracy and prevent overfitting.
- Achieved a 16% improvement in prediction accuracy compared to baseline models, demonstrating significant enhancement in forecasting house prices.

GitHub Repository: <https://github.com/yourprofile/project-repo>

Email Spam Classification

Technologies Used: Python, Numpy, Pandas, Scikit-learn

- Developed a spam filter with Support Vector Machines (SVM) using Scikit-learn.
- Selected a linear kernel for simplicity and efficiency. Experimented with other kernels like RBF (Radial Basis Function) for potentially better performance. GitHub Repository: <https://github.com/yourprofile/another-project-repo>

Technical Skills

- Programming Languages: Python, C++
- Libraries: Scikit-learn, XGBoost
- Data Analysis: Pandas, Numpy, Matplotlib, Seaborn
- Tools: Git, Jupyter Notebook

Extracurricular Activities

- Member of University Coding Club – Participated in coding competitions and hackathons.
- Volunteer at Local Tech Meetups – Assisted in organizing events and workshops.