# Samhit Prakash Nayak

✉ samhit563@gmail.com 📞 6363247163 📍 Bengaluru, India

in linkedin.com/in/samhit-nayak-a2a70a263  github.com/samhit24

## Summary

Motivated Master of Computer Applications student with practical experience in machine learning and software development. Proven ability to build end-to-end data science projects, from data analysis with Pandas to model implementation with Scikit-learn. Recently completed a Microsoft co-branded internship in the Foundations of AI, gaining hands-on experience with Azure, Generative AI, and Computer Vision.

## Education

**Master Of Computer Applications,** *BMS Institute of Technology and Management* Present
- Current CGPA: 8.95

## Skills

- Programming Languages: Java, Python
- Developer Tools: Git, GitHub, Jupyter Notebook, VS Code

- Data Science & ML: Pandas, NumPy, Scikit-learn, Matplotlib, Exploratory Data Analysis (EDA), Feature Engineering
- Core Concepts: Data Structures & Algorithms (DSA), Database Management Systems (DBMS)

## Projects

**End-to-End House Price Predictor** ⧉
- Developed a regression model to accurately predict housing prices, comparing Linear Regression and Random Forest models to achieve a superior R-squared score of 0.7144 with the Random Forest Regressor.
- **Tech Stack:** Python, Pandas, NumPy, Scikit-learn, Matplotlib, Jupyter Notebook.

**Kindle Reviews Sentiment Analysis** ⧉
- Engineered an NLP model to classify thousands of customer reviews, performing data cleaning and text vectorization to prepare the dataset for machine learning. Visualized sentiment distribution to identify key phrases.
- **Tech Stack:** Python, Pandas, Scikit-learn (TfidfVectorizer), Matplotlib, NLTK.

## Professional Experience

**Foundations of Artificial Intelligence Intern,** 04/2025 – 05/2025
*Edunet Foundation in collaboration with Microsoft*
- Completed an intensive 4-week program on core AI/ML concepts and their real-world applications.
- Gained hands-on experience with supervised learning, Generative AI, and Computer Vision using Azure demos.
- Developed a project from a real-world problem statement under the guidance of an industry mentor.

## CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- **Java with Data Structures and Algorithms** | Apna College
- **Certificate of Internship in Foundations of Artificial Intelligence** | Edunet Foundation & AICTE