

K S NOOR AHAMAD

Tirupati, Andhra Pradesh

✉ nkurnipalli34@gmail.com | ☎ 7816080954

🔗 LinkedIn: www.linkedin.com/in/k-s-noor-ahmed-943403319

🔗 GitHub: www.github.com/Noorahmedks-2103

Career Objective

Final-year Computer Science Engineering student with strong proficiency in Python and Machine Learning, experienced in building real-world data science projects and deploying ML applications. Seeking an opportunity as an **ML / Data / Python Developer** to apply analytical thinking and contribute to impactful AI solutions.

Technical Skills

Programming: Python, OOP, DSA (Basics)

Machine Learning: Supervised ML, Classification, Regression, Model Evaluation, EDA

ML Tools & Libraries: Pandas, NumPy, Scikit-Learn, Matplotlib, Seaborn, yFinance

Data & Analytics: SQL, MongoDB, Power BI, Tableau, Excel

Developer Tools: Git, GitHub, Jupyter Notebook, VS Code, Streamlit, Kaggle

Areas of Interest: Machine Learning, NLP, Applied AI, Automation

Internship Experience

Data Analyst Intern — NICT Computer Education Pvt. Ltd., Bengaluru

May 2025 – July 2025

- Worked with structured datasets for **data cleaning, preprocessing, and visualization**.
 - Built analytical dashboards using **Power BI and Tableau** for business performance insights.
 - Supported predictive analytics using **Python and ML algorithms** to identify trends.
 - Collaborated with team and delivered insights presentations to management.
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Projects

📊 Stock Price Forecasting Web App — Machine Learning + Deployment

- Developed an ML-based web application to forecast **30-day future stock prices**.
- Used **yFinance API** to collect 5 years of real historical stock data and trained a **Linear Regression model**.
- Built interactive UI using **Streamlit** with **custom CSS dark theme** and deployed on **Streamlit Cloud**.
- **Live App:** <https://stock-forecasting-webapp-z5odae5cyymerm4e895pch.streamlit.app/>
- **Code:** <https://github.com/Noorahmedks-2103/Stock-Forecasting-WebApp>

🎓 Student Performance Prediction — Regression

- Built model to predict student performance using demographic and academic features.
- Performed **EDA, data cleaning, visualization, feature encoding**, and evaluation (R2 score, MSE).

🏠 Loan Approval Prediction — Logistic Regression / Random Forest

- Built ML classification system to predict loan eligibility based on applicant profile.
- Improved performance with class balancing techniques and model evaluation metrics.

💬 Student Query Chatbot — Python / NLP

- Created a **rule-based NLP chatbot** to respond to student academic queries using text processing.

Customer Churn Prediction — Classification

- Built churn classification model to identify potential customer drop-outs with optimized accuracy.

Education

B.Tech – Computer Science & Engineering

SV College of Engineering, Tirupati

2022 – Present | Expected Graduation: **April 2026**

Certifications

- Machine Learning – GeeksforGeeks
- Data Science with Python – GeeksforGeeks
- Python Programming – GeeksforGeeks
- Deploying & Evaluating Gen-AI Apps — MongoDB
- Data Science Internship — Agrathas Academy
- Tableau Data Analytics — APSCHE
- Power BI & MS Excel — United Latino Association

Achievements

- Participated in hackathons & coding competitions
- Member, AI/ML Club
- Team Lead – Business & Entrepreneurship Program

Strengths

Problem Solving • Logical Thinking • Continuous Learner • Teamwork • Communication