

## K S NOOR AHAMAD

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 GitHub: [www.github.com/Noorahmedks-2103](https://www.github.com/Noorahmedks-2103)

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## 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.

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## 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

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## 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.

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### **Education**

#### **B.Tech – Computer Science & Engineering**

SV College of Engineering, Tirupati

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

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### **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
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### **Achievements**

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

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