# Shashidhar Pinnamshetty

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## Professional Summary

B.Tech CSE (AIML) student with hands-on experience in Python, SQL, ML, and deployment-ready projects. Skilled in Data Science, NLP, and Time Series Forecasting with solid grounding in SDLC and testing. Delivered ML projects achieving 92% phishing detection accuracy and 35% gain in recommendation quality. Strong collaborator with a focus on real-world problem solving and automation.

## Core Competencies

- **Programming:** Python, Java, MySQL, OOPs
- **Machine Learning:** Scikit-learn, TensorFlow, NLP, Time Series Forecasting
- **Tools:** Power BI, Matplotlib, Seaborn, Git/GitHub
- **Software Skills:** SDLC, Testing, Deployment, Configuration Management
- **Soft Skills:** Communication, Teamwork, Problem-solving, Adaptability

## Education

- **CMR Engineering College** — Hyderabad, India
  *B.Tech in Computer Science (AIML)* — *2022 – 2026 — CGPA: 7.91*
- **Sri Chaitanya Junior College** — Jagtial, India
  *Intermediate (MPC)* — *2020 – 2022 — 766/1000*
- **Mt. Carmel High School** — Dharur, India
  *SSC* — *2019 – 2020 — CGPA: 10*

## Projects

- **Time Series Forecasting for Stock Market** — Built a Streamlit app using **Prophet & LSTM** to predict stock trends from historical data. Integrated dynamic plots and forecast visualizations achieving **85% forecasting accuracy**.
- **Personal Expense Tracker** — Automated expense categorization (Tkinter, SQLite, Matplotlib), reducing manual logging by **30%**.
- **Malicious URLs Detection** — Applied ML models (Logistic Regression, Random Forest, SVM) with **92% accuracy**. Followed SDLC phases for robust deployment.
- **Mini Music Recommender System** — Hybrid model (TensorFlow/Keras + scikit-learn) improving recommendation accuracy by **35%**.

## Experience

- **Data Science Intern, Zidio Development** (Aug 2025 – Oct 2025)
  - Implemented **time series forecasting pipelines** improving financial prediction accuracy by **20%**.
  - Automated data preprocessing and visualization workflows using Python and Streamlit.
  - Delivered EDA reports with **3 actionable insights** enhancing client dashboards.

## Certifications

- NPTEL – The Joy of Computing Using Python (2022)
- Udemy – Automated Machine Learning for Beginners (2023)
- Wadhwani Foundation – Employability Skills (2024)
- Accenture – Digital Skills: Artificial Intelligence (2025)

## Workshops & Virtual Internships

- Deloitte Technology Virtual Internship — Forage (2025)
- AWS Solutions Architect Virtual Experience — Forage (2025)
- Be10x AI Tools Workshop (2025), Power BI Workshop (2025)

## Languages

- English (Fluent), Hindi (Professional), Telugu (Native)