Shreyas Neelaraddi

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PROFESSIONAL SUMMARY

Data Science graduate with hands-on ML experience in healthcare analytics and customer behavior prediction. Proven track record of developing end-to-end ML pipelines and interactive dashboards that drive 30% improvement in business decision-making efficiency. Proficient in Python, SQL, and cloud deployment with experience in real-time data visualization and predictive modeling. Seeking entry-level Data Scientist role to leverage statistical modeling expertise and API integration skills in delivering actionable business insights.

SKILLS

- **Programming Languages**: Python (Pandas, NumPy, Scikit-learn), SQL (MySQL, SQLite)
- **Machine Learning**: Classification, Regression, Clustering, XGBoost, Random Forest, Model Evaluation
- **Data Visualization**: Power BI, Tableau, Matplotlib, Seaborn
- **Development & Deployment**: Streamlit, Flask, REST APIs, Git, Heroku
- **APIs & Integration**: OpenAI API, HuggingFace API, OpenWeatherMap API

EDUCATION

Degree	Institution	Location	Duration	Performance
Bachelor of Engineering – Computer Science & Engineering	Sri Sairam College of Engineering	Bangalore	2021 – 2025	CGPA: 8.4 / 10
Pre-University (PCMB – Science)	Vijaya BIFR PU College	Bangalore	2020 – 2021	71%
SSLC (10th Grade)	JSS Public School	Dharwad	2018 – 2019	64.5%

INTERNSHIP

AI/ML Intern | VTU WIINNR (IT Ignition Program) | Oct 2024 – Feb 2025
- **Developed** end-to-end ML pipelines processing 10K+ data points with 85%+ model accuracy.
- **Deployed** 5+ interactive Power BI dashboards enabling real-time business intelligence for stakeholders.
- **Built** Flask-based web applications integrating OpenAI and HuggingFace APIs, serving 100+ daily requests.
- **Implemented** cloud orchestration solutions and optimized database queries, reducing processing time by 25%.
- **Gained expertise** in Linux environments, containerization, and production-ready ML deployment.

Python Developer Intern | VaultofCodes | Oct 2023 – Nov 2023
- **Engineered** speech-controlled to-do list application using Tkinter & SpeechRecognition with 95% voice accuracy.
- **Developed** real-time multithreaded chat application using socket programming, supporting 50+ concurrent users.
- **Optimized** application performance through efficient threading and memory management techniques.

PROJECTS

1. Sales Analytics Dashboard | Python, SQL, Power BI
- **Integrated** customer, order & product datasets (25K+ records) into unified analytical framework.
- **Analyzed** critical KPIs including revenue growth (tracked 15% YoY increase), customer retention rate, and Average Order Value.
- **Delivered** dynamic dashboard with real-time interactive filters, boosting stakeholder decision-making efficiency by 30%.
- **Implemented** automated data refresh pipelines ensuring 99.9% data accuracy.

2. Healthcare Risk Prediction Tool | Python, scikit-learn, Streamlit
- **Predicted** heart disease risk using ensemble classification models achieving 92% accuracy (Logistic Regression, Random Forest).
- **Processed** 5K+ patient records with comprehensive feature engineering and data preprocessing.
- **Deployed** intuitive web application on Streamlit enabling healthcare practitioners to assess patient risk in real-time.
- **Validated** model performance using cross-validation and ROC-AUC analysis.

3. Customer Churn Analysis & Prediction | Python, pandas, Tableau, SQL
- **Analyzed** 15K+ customer records to identify 8 key churn drivers with statistical significance testing.
- **Built** predictive models (XGBoost, Random Forest) achieving 88% precision in flagging at-risk customers.
- **Created** interactive Tableau dashboard providing real-time churn monitoring and customer segmentation insights.
- **Delivered** actionable recommendations reducing potential churn by 20% through targeted retention strategies.

CERTIFICATES

- **AI/ML Internship Certificate** – VTU WIINNR (2025)
- **Python Developer Internship** – VaultofCodes (2023)
- **Data Science Bootcamp** – DataCamp (2025)
- **PrepInsta Prime Certification** – 80+ Hours in Python, DSA, Frontend, Data Science & Analytics