

Keerthi Shivapur

Data Scientist

Aspiring **Data Scientist / Machine Learning Engineer** skilled in Python, SQL, Machine Learning, Deep Learning, and NLP. Experienced in developing **end-to-end ML pipelines** — from data preprocessing to deployment using Flask, Streamlit, Docker, and AWS. Passionate about building **AI-driven solutions** that create measurable impact in healthcare, education, and business intelligence.



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github.com/KeerthiShivapur

SKILLS

Programming & Data:
Python (Pandas, NumPy,
Scikit-learn), SQL

ML & AI:
Supervised/Unsupervised
Learning, Deep Learning
(TensorFlow), NLP

Visualization: Tableau,
Power BI

Mathematics for ML:
Statistics, Probability,
Linear Algebra, Calculus
(basics)

Cloud & Tools: AWS
(Basics), Docker, MLflow,
Git

LANGUAGES

English

Professional Working Proficiency

Kannada

Native or Bilingual Proficiency

STRENGTHS

Strong foundation in
ML, DL, and MLOps
pipelines

Fast learner, adaptable,
and focused on AI-
driven problem-solving.

EDUCATION

B.E. Computer Science & Engineering

Bapuji Institute of Engineering & Technology

12/2022 - 05/2026

Davangere

Courses

□ CGPA: 9.1/10

PUC

Sri vidyaniketan PU College

04/2020 - 05/2022

Hagaribommanahalli

Courses

□ Percentage-98%

CERTIFICATES

IBM Data Science Professional Certificate| Coursera (04/2025)

Mathematics for Data Science & GenAI| Udemy (05/2025)

Complete Data Science, ML, NLP & DL Bootcamp| Udemy (07/2025)

Machine Learning A-Z: AI, Python & R + ChatGPT| Udemy (04/2025)

PROJECTS

End-to-End Network Security System (08/2025 - 09/2025)

- Built phishing website detection using 30+ URL/domain features.
- Automated preprocessing & model training (Random Forest, Gradient Boosting, Logistic Regression).
- Deployed on AWS EC2 with Docker, integrated MLflow for experiment tracking.
- Improved detection accuracy to 92%, reducing false positives.
- https://github.com/KeerthiShivapur/Network_Security

End to End Student Performance Indicator (03/2025 - 04/2025)

- Designed ML pipeline predicting student outcomes using demographic & lifestyle data.
- Trained Random Forest, CatBoost, XGBoost with hyperparameter tuning.
- Deployed as a Flask web app for real-time prediction.
- Achieved $R^2 = 0.89$, enabling early identification of at-risk students.
- <https://github.com/KeerthiShivapur/Student-Performance-Indicator>

Wine Quality Prediction (01/2025 - 02/2025)

- Built classification pipeline (Logistic Regression, Random Forest, XGBoost).
- Created Flask app with interactive frontend.
- Demonstrated full ML lifecycle: preprocessing → evaluation → deployment.
- <https://github.com/KeerthiShivapur/WineQualityPrediction>

Customer Churn Prediction Model (11/2024 - 12/2024)

- Developed ML model achieving 85% accuracy for churn prediction.
- Deployed via Streamlit, enabling real-time business insights.
- <https://github.com/KeerthiShivapur/Customer-Churn-Prediction>

REFERENCES

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