

# SUMANASRI KOTA

AI/ML Engineer Fresher | Machine Learning | Python | Data Analytics

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## Professional Summary

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AI/ML Engineer fresher with hands-on experience in **machine learning model development, data pre-processing, and end-to-end ML projects**. Strong in Python, data analysis, and applying ML algorithms to real-world problems. Actively seeking AI/ML internship or entry-level roles.

## Education

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**B.Tech in Computer Science and Engineering (AI)**  
Parul Institute of Engineering and Technology, Vadodara

Sep 2022 – Jun 2026 (Expected)  
**CGPA: 8.20 (up to 6<sup>th</sup> Semester)**

## Technical Skills

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- Machine Learning:** Supervised & Unsupervised Learning, Regression, Classification, Feature Engineering, Model Evaluation
- Data & Libraries:** Python, NumPy, Pandas, Matplotlib, Scikit-learn
- Frontend:** React.js, HTML5, CSS3,
- Databases:** MySQL, MongoDB
- Tools:** Git, GitHub, Postman, VS Code, Google Colab, Vercel

## Projects

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**Housing Price Prediction System (Machine Learning)** Python | Scikit-learn | MySQL

- Developed an end-to-end ML pipeline including data cleaning, feature engineering, and model training.
- Implemented regression and ensemble models to predict housing prices with improved accuracy.
- Stored processed datasets and predictions in MySQL for further analysis and reporting.

**FinFriend — AI-Ready Personal Finance Tracker** React | Node.js | MongoDB

Live: finfriend-tan.vercel.app

- Built a full-stack finance tracking platform with secure JWT-based authentication.
- Designed data structures suitable for future ML-based spending analysis and prediction.
- Developed responsive UI and reusable components for real-time insights.

**Quote Generator Web App** React

- Developed a dynamic web application integrating public APIs with robust error handling.
- Focused on clean UI, efficient state management, and performance optimization.

## Experience

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**Web Designing Intern — Sparks to Ideas, Ahmedabad** Jun 2024 – Jul 2024

- Developed responsive Angular components and optimized UI performance.
- Collaborated with developers to improve user experience and application flow.

## **Certifications**

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Intel Unnati Industrial Training — *AI-Driven Customer Experience Insights* (2025)

SAP Training — *Machine Learning* (3 Months)

NPTEL — *Computer Networks* (*Distinction, 79%*)

## **Languages**

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English (Fluent) | Hindi (Fluent) | Telugu (Native) | Gujarati (Conversational)