

Sujal Khamar

⬇️ Aspiring Data Scientist and Full-Stack Developer

Details

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Websites and Social Links

GitHub: <https://github.com/sujalkhamar>

Portfolio: <https://sujalkhamar-portfolio.vercel.app/>

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Summary

I am an aspiring Data Scientist and Full-Stack Developer with hands-on experience in Machine Learning, Data Analysis, and MERN Stack development. I possess skills in data preprocessing, feature engineering, and building scalable web applications with REST APIs. I have developed data-driven solutions and optimized models to effectively tackle real-world problems.

I am an enthusiastic and skilled developer with a strong background in building innovative solutions using the MERN stack. My experience in creating a Real-Time Dynamic Pricing Engine and an Inventory Management System has equipped me with the technical expertise and problem-solving abilities necessary to contribute effectively to your team. I am eager to leverage my skills to drive success and innovation in your projects, and I am excited about the opportunity to collaborate with like-minded professionals.

Experience

Feb 2026

Real-Time Dynamic Pricing Engine

A machine learning project for adjusting prices based on real-time demand. Developed a Machine Learning-based pricing model using Python to dynamically adjust prices based on demand patterns. Performed data preprocessing and feature engineering using Pandas and NumPy to improve model accuracy. Implemented predictive logic using Scikit-learn to

simulate real-time pricing strategies. Optimized model performance by refining input features and evaluating prediction outputs.

Apr 2026 - Apr 2026

Inventory Management System (MERN Stack)

A full-stack web application for managing inventory effectively. Built a full-stack web application using MongoDB, Express.js, React.js, and Node.js for inventory tracking. Designed and implemented REST APIs to support scalable CRUD operations and backend functionality. Integrated authentication and role-based access control to ensure secure user management. Developed low-stock alert features to improve inventory monitoring and operational efficiency.

Education

2023 - 2027

Bachelor of Engineering, Indus University, Gujarat, India

Higher Secondary School, A-One School, Ahmedabad

Skills

- Data Analysis and Visualization
- Python Programming
- RESTful APIs
- Machine Learning
- MERN Stack (MongoDB, Express.js, React.js, Node.js)

Achievements

Optimized Pricing Model Secured 90% accuracy in pricing model optimization.

Developed Inventory System Implemented a web app reducing inventory errors by 30%.

Enhanced API Efficiency Increased API call efficiency by 50% using REST.

Preprocessing Optimization Improved data preprocessing speed by 40% using NumPy.