



Sameet Pisal

FULL STACK DEVELOPER
AI/ML DEVELOPER & FINANCE TECH
ENTHUSIAST

CONTACT

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TECHNICAL SKILLS

LANGUAGES

Java JavaScript Python C SQL

WEB & MOBILE

React.js React Native Node.js
Express.js HTML CSS EJS

DATABASES

MongoDB PostgreSQL

ML & AI

ANN K-Means Random Forest
Logistic Reg. Apriori Decision Tree

TOOLS

Git/GitHub Gemini API Razorpay
Tableau MATLAB Pandas NumPy

SOFT SKILLS

- Leadership & Team Management
- Problem Solving
- Project Planning
- Critical Thinking
- Fast Learner

INTERESTS

- Artificial Intelligence & ML
- Full Stack Development
- IoT & Smart Systems
- Finance & Investment
- FinTech & Market Analysis
- Startup Ecosystems
- Government Tech Systems

PROFESSIONAL SUMMARY

Results-driven Full-Stack Developer and B.Tech Computer Science (Data Science) student with hands-on experience building scalable, real-world applications. Proficient in the MERN Stack, Java, PostgreSQL, and AI/ML integration. Delivered a production-grade criminal monitoring system for Maharashtra Police, earning a Letter of Recommendation. Currently serving as Technical Head at S4DS. Passionate about leveraging technology in AI, FinTech, and government-grade systems to solve high-impact problems.

LEADERSHIP

Technical Head — S4DS

2024 – Present

Lead technical initiatives, mentor peers, and drive project development within the student data science community. Coordinate cross-functional teams and foster a culture of innovation and collaborative engineering.

PROJECTS

Project Tadipaar — Maharashtra Police Monitoring System

LOR Received

Engineered a production-grade criminal monitoring and externment management platform for Maharashtra Police. Implemented role-based access control (Admin/DCP), a secure REST API backend, criminal dashboards, and a professional government-grade UI deployed for active use.

React Native Node.js Express.js PostgreSQL RBAC REST API

AI Learning Platform

Gemini API

Built a personalized AI-powered e-learning platform with Gemini API integration. Features include dynamic quiz generation, AI resource recommendations, chat history persistence, user authentication, and a typing-animation interface for an engaging learning experience.

Node.js Express.js MongoDB EJS Gemini API JWT Auth

Tournament Management Platform

Razorpay

Developed a multi-role (Admin / Organizer / Player) tournament platform with end-to-end payment integration. Supports tournament creation, player registration, Razorpay wallet transactions, withdrawal management, and real-time result submission.

Node.js Express.js MongoDB EJS Razorpay Wallet System

AgriSense AI — Smart Agriculture System

IoT + AI

Designed an IoT-driven precision agriculture platform using ESP32 sensors, live weather APIs, an AI chatbot, crop yield prediction models, and soil health monitoring to empower data-driven farming decisions.

ESP32 IoT Sensors AI Chatbot Weather API ML Prediction

Machine Learning Prediction System

Multi-Algorithm

Implemented and benchmarked six ML algorithms (ANN, K-Means, Apriori, Logistic Regression, Random Forest, Decision Tree) for comparative predictive analysis, intelligent classification, and pattern mining on real-world datasets.

Python Scikit-learn Pandas NumPy Matplotlib

EDUCATION

MIT Academy of Engineering, Pune

2024 – Present

B.Tech — Computer Science & Engineering (Data Science)

Shri Siddheshwar Public School & Junior College

2022 – 2024

12th HSC — Science

Shrimant Shivajiraje English Medium School, Phaltan

2012 – 2023

1st – 10th SSC

ACHIEVEMENTS

- Received Letter of Recommendation from Maharashtra Police for government project delivery
- Runner-up at Inter-College Hackathon
- Technical Head at S4DS student community
- Built 5+ full-stack production-grade projects
- Delivered live system actively used by law enforcement

COURSEWORK & LEARNING

- Java DSA Bootcamp
- Java OOP Concepts & Design Patterns
- MERN Stack Development
- Next.js — Modern React Frameworks
- Machine Learning Algorithms
- AI & Full Stack Integration