

Mandar Suryavanshi

Artificial Intelligence & Machine Learning Intern | CS & Data Science Student

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PROFESSIONAL SUMMARY

Detail-oriented B.Tech Computer Science (Data Science) student with hands-on experience in AI/ML systems, web development, and automation projects. Proficient in Python, Go, FastAPI, Docker, and REST API design. Strong foundation in machine learning, object-oriented programming, and problem-solving. Actively seeking opportunities to apply technical skills in real-world AI and data-driven applications.

INTERNSHIP

AI, ML & Data Science Intern — Coding Blocks School Of Technology

Jun 2026

- Working on real-world AI/ML and Data Science projects under industry mentorship during a 6-week intensive program.
- Gaining hands-on exposure to model building, data pipelines, agile workflows, and collaborative software development.

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science / Data Science

2025 – 2029

NIAT x Ajeenkya DY Patil University, Pune

Pune

CGPA: 8.41 | Currently Pursuing

TECHNICAL SKILLS

Programming Languages

Python, Java, C++, JavaScript, SQL, Go (Golang)

Frameworks & APIs

FastAPI, REST API, React

Tools & Platforms

Git, GitHub, Docker

Web Technologies

HTML, CSS, JavaScript, React

Core Concepts

OOP, Data Structures, Problem Solving, System Design

LANGUAGES

Marathi

English

Hindi

A2 German

PROJECTS

AI Multi-Agent Operating System

- Designed a multi-agent AI system where specialized agents collaboratively perform complex tasks — planning, research, memory retrieval, and response generation.
- Implemented agent orchestration, long-term memory, and tool-calling pipelines using modern LLM frameworks.

Tech Stack: Python, FastAPI, LangChain/LangGraph, Redis, Vector DB, Docker, React

Distributed AI Interview Simulator

- Built an AI-powered interview simulation platform with real-time voice/text interaction, adaptive questioning, and performance evaluation.
- Designed scalable backend services with asynchronous processing and analytics-based feedback generation.

Tech Stack: Python, FastAPI, WebSockets, React, PostgreSQL, Whisper AI, Docker

AI Memory Engine & Personal Knowledge OS

- Developed an AI memory engine for semantic search, long-term context retention, and personalized knowledge retrieval using vector embeddings.
- Implemented retrieval-augmented generation (RAG) pipelines for intelligent, context-aware responses.

Tech Stack: Python, Vector Databases, RAG, FastAPI, PostgreSQL, Redis, Embeddings APIs

ACHIEVEMENTS

Open Source Contributor — GirlScript Summer of Code (GSSoC) 2026

Open Source Contributor — Nexus Spring of Code (NSOC) 2026

SOFT SKILLS

Project Management

Leadership

Time Management

Team Management

Public Speaking

Problem Solving