

SATYAM PANDEY

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GitHub | LinkedIn | LeetCode | CodeForces | GeeksForGeeks | Mumbai, India

EDUCATION

Thadomal Shahani Engineering College (TSEC)	Mumbai, India
Bachelor of Technology in Artificial Intelligence & Data Science CGPA: 8.60/10	Sept 2024 – May 2028
Model College of Science and Commerce	Kalyan, India
Higher Secondary Certificate in Computer Science 93.00% (1st Rank)	June 2022 – May 2024

TECHNICAL SKILLS

Languages: C++, Java, Python, JavaScript, TypeScript, SQL
Frontend: React.js, Next.js, Vite, Tailwind CSS, GSAP, Framer Motion, ShadcnUI, PWA, Responsive Design, HTML5
Backend: Node.js, Express.js, Spring Boot, FastAPI, GraphQL, Webhooks, JWT, bcrypt, Clerk Auth
Databases: MongoDB, PostgreSQL (Neon), MySQL, Prisma ORM, Mongoose, Vector Databases, FAISS, Pinecone
AI/ML: PyTorch, TensorFlow, Keras, scikit-learn, NumPy, Pandas, Deep Learning, Neural Networks, Computer Vision
LLM & Gen AI: RAG, LangChain, LangGraph, Agentic AI, Multi-Agent Systems, LLM Orchestration, LLM Pipelines
Cloud & DevOps: Docker, Vercel, Railway, IBM Cloud, Streamlit Cloud, GitHub Actions, Cloudinary
APIs & Tools: REST, SOAP, gRPC, API Integration, Git, GitHub, Postman, Chrome DevTools

EXPERIENCE

AI & Cloud Intern	June 2025 – July 2025
AICTE x IBM x Edunet Foundation	Remote
<ul style="list-style-type: none">Completed structured internship covering AI, Cloud Computing, and IBM Cloud services through guided learningDeveloped Research Agent system leveraging cloud infrastructure for scalable AI workflows integrating IBM tools. Github	
AI & Data Analytics Intern (Green Skills)	July 2025 – Aug 2025
AICTE x Shell India x Edunet	Remote
<ul style="list-style-type: none">Completed AI/ML internship focused on sustainability, data analytics, and responsible AI practicesBuilt a Tree Species Classification & Intelligence Assistant integrating CNN + KNN ML models for insights. Demo	
Cybersecurity & GenAI Intern	Dec 2025 – Jan 2026
Edunet Foundation x VOIS (Vodafone)	Remote
<ul style="list-style-type: none">Completed industry-aligned program on cybersecurity fundamentals, threat detection, and Generative AI applicationsBuilt Python-based keystroke monitoring application using pynput and Tkinter with timestamped JSON logging Github	

PROJECTS

Themis – Advanced Agentic Multi-Agent Assistant	Go, Bubble Tea, Qdrant, SQLite, MCP, ReAct
GitHub Demo	
<ul style="list-style-type: none">Built an autonomous multi-agent AI system with a Terminal UI (TUI) using ReAct architecture, enabling iterative reasoning, tool execution, and real-time code generation via specialized agents for orchestration, architecture, engineering, debugging, testing, and documentation; Won 1st Prize at SYN3RGY 3.0 Hackathon, DJ Sanghvi, Mumbai.	
y.ai – Explainable Learning Intelligence Platform	Next.js, FastAPI, PyTorch, XGBoost, PostgreSQL, Kubernetes
GitHub Demo	
<ul style="list-style-type: none">Built a full-stack AI learning platform with PWA dashboard, Browser Intelligence plugin, and modular TypeScript SDK, leveraging Graph Neural Networks, BERTopic clustering, and LambdaMART ranking with SHAP, DiCE, and causal inference ; Secured 2nd Runner-Up at DataHacks Hackathon (DJ Sanghvi, XAI Domain).	
Gallifrey – AI Structural Health Monitoring System	LSTM, VAE, LangChain, TimescaleDB, Grafana, Docker
GitHub Demo	
<ul style="list-style-type: none">Built an AI-powered structural health monitoring system using wavelet-based signal processing and Variational Autoencoders (VAE) for anomaly detection in infrastructure data; Won 1st Place at Augenblick Hackathon 2026, securing a paid Summer Internship at Augenblick Consulting.	
NyayShastra – AI-Powered Legal Assistant for India	React, Vite, FastAPI, Three.js, LangChain
Live Demo GitHub	
WorkSphere – AI-Driven Workspace Discovery Platform	Next.js, TypeScript, Groq LLM, PostgreSQL
Live Demo GitHub	
Study Buddy AI – LLM-Powered Learning Platform	React, Node.js, PostgreSQL, Groq, Clerk
Live Demo GitHub	

ACHIEVEMENTS & LEADERSHIP

- Solved 150+ problems across LeetCode, and GeeksForGeeks using C++, Java, and Python ; **6x Hackathon Finalist.**
- 4x National Hackathon Winner** — including SYN3RGY, DataHacks, Augenblick Hackathon, ACE Clg TechSprint.
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate VERIFY
- Open Source Contributor & Mentor at Social Winter of Code (SWOC), Open Source Connect (OSCG), Code Social.
- Campus Ambassador for eDC IIT Delhi, IIT Gandhinagar, Internshala, Elite Coders, Google Student Ambassador