

Advait Joshi

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Summary

Third-year B.Tech CSE(Data Science) student with a strong interest in Artificial Intelligence and its applications in natural language processing, large language models (LLMs), and agentic systems. I'm also exploring Blockchain technologies and their potential use in secure, decentralized systems. Focused on building technically sound, impactful projects and contributing to applied research. Eager to work on AI or Blockchain-based initiatives that push boundaries and solve real-world challenges.

Education

Swami Vivekananda Institute of Technology , B.Tech in CSE(Data Science) Sept 2023 – May 2027

- CGPA: 8.02

Skills

Languages: C, Python, SQL, HTML, CSS, Javascript, Solidity

Frameworks: PyTorch, Hugging Face, Vue.js, Node.js, React.js

Tools: Scikit-Learn, Numpy, Pandas, Matplotlib, Seaborn, Ganache, Metamask, Web3.js, Hardhat

Technologies: Git, GitHub, MySQL, PostgreSQL

Soft Skills: Leadership, Communication

Experience

Research Intern | IIT Kanpur - Remote June 2025 – Present

- Working on an open-source project for a hackathon and writing a research paper.
- Focus area: Agentic AI, Vue.js and Local LLM Integration

Research Intern | IIT Patna - Remote April 2025 – Present

- Collaborating on dataset preparation and analysis for a peer-reviewed machine learning research study.

Blockchain Developer Intern | Inspiring Wave Digitech pvt. ltd - Remote April 2025 – Present

- Leading a 13-member cross-functional team to build a culturally-driven memecoin on the Base blockchain, while defining the tokenomics, brand narrative, and overall strategy.
- Leading the smart contract development using the ERC-20 standard, including mint/burn logic, allocation design, and audit-aligned structuring.
- Coordinating community-building and competitive research efforts (Discord, Telegram, SWOT analysis) to shape the brand voice and prepare for market launch.

Research Intern | AIISC - Remote Feb 2025 – Present

- Supervisor - Dr. Amitava Das
- Focus Area: Hallucinations in LLMs

Summer of AI Intern | Swecha Telangana - Remote May 2024 – June 2024

- Contributed to the development of an advanced Telugu Language Model (LLM) and Text-to-Speech (TTS) Voice Avatar.
- Collaborated on building the world's first supercomputing cluster for AI with Meta, IIIT Hyderabad, Ozonetel, and TASK.

Projects

YogaKaro | In-Progress 2025

- Currently building YogaKaro, an interactive wellness app that is teaching blockchain and AI concepts through yoga-driven token rewards, smart wallet simulations, and a DEX learning experience.
- Integrating AI agents for DeFi strategy and wellness support, while simulating zkProof-based activity verification and adding a developer mode with modular, testable components.
- **Tools:** React.js, Typescript, Firebase Auth, Tailwind CSS, ethers.js (simulated), Node.js

Cryptomining Simulator | GitHub Repository 2025

- **A Blockchain Mining Simulator with UI** using Flask, demonstrating core concepts of Proof-of-Work. Simulates real-world mining features such as transaction mempool, adjustable difficulty, mining rewards, and wallet balance updates.
- **Tools:** Python, Flask, HTML/CSS, Render

- Ethereum-TO-DO-App | *GitHub Repository*** **2025**
- Built a decentralized to-do list app on the Ethereum blockchain using Solidity, Web3.js, and MetaMask to enable secure, transparent task management via smart contracts.
 - **Tools:** Solidity, Ganache, Metamask, web3.js, HTML, CSS, Javascript
- ML-Chronicles | *GitHub Repository*** **2025**
- Developed ML Chronicles, a structured, timeline-based web platform that documents key milestones in machine learning with detailed pages, research paper references, and integrated chatbot assistance for interactive learning.
 - **Tools:** HTML, CSS, Javascript, Groq
- Cold-Email-Generator | *GitHub Repository*** **2024**
- A cold email generator for job seekers using Groq, Langchain, and Streamlit. This tool allows users to input the URL of a company's careers page, extracting job listings and generating personalized cold emails.
 - **Tools:** Python, Streamlit, Langchain, Groq

Certifications

- BCG Data Science Job Simulation on Forage | Forage **June 2024**
- Deep Learning - IIT ROPAR | NPTEL **Nov 2024**