

Rounak Jain

Associate Product Manager | Full Stack Developer | AI & ML Enthusiast

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[My Portfolio](#)

SUMMARY

Full Stack Developer and AI/ML enthusiast with hands-on experience building scalable web applications and training deep learning models, including a 97% accurate crop disease detection system. Experienced in leading technical projects, developing end-to-end architectures using React and Flask, and deploying production-ready solutions. Passionate about solving real-world problems through data-driven innovation and continuous learning.

EXPERIENCE

Product Management Intern

Zarthi Pvt Ltd

Bengaluru, Karnataka

Aug 2025 - Ongoing

- Conducted market and brand research across fintech, astrology, and foreign exchange domains for client insights.
- Contributed to PRD documentation for FurBall and feature planning for Zarthi's career page.
- Supported automation-driven improvements for ATLAS, Zarthi's Cloud Management Platform.

Technical Lead

Kaggle Koders

College Committee

Aug 2025 - Ongoing

- Developed and maintained the AI Prompt Combat event platform.
- Led technical planning and execution for AI-focused events and workshops.
- Mentored peers in ML and full-stack development practices.

President

E-Cell SISTec

June 2025 – November 2025

Under National Entrepreneurship Challenge by IIT Bombay

- Led a 15-member team in a national-level entrepreneurship competition organized by IIT Bombay.
- Executed strategic challenges to promote entrepreneurship within the institution.
- Oversaw team coordination and ensured timely completion of objectives.

EDUCATION

BTech. Computer Science Engineering Specialized in Artificial Intelligence and Data Science

Sagar Institute of Science and Technology (SISTec)

2023-2027

CGPA : 8.37 / 10

PROJECTS

AI Fasal Sarthi

<https://fasal-sarthi-app.vercel.app/>

Tech Stack : React.js | Python (Flask) | NoSQL | Machine Learning | Deep Learning | APIs

- Led a 4-member team to develop an AI-powered agricultural platform, building the complete frontend and backend architecture.
- Trained a crop disease detection model using EfficientNet-B3 on 100k+ images (PlantVillage & PlantDoc datasets), achieving 97% accuracy.
- Integrated real-time weather insights, mandi prices, and chatbot support, ensuring fast API response and seamless user interaction.

AI Prompt Combat

<https://ai-prompt-combat-hbir.vercel.app/>

Tech Stack : React.js | Python (Flask) | Firebase | NLP | APIs

- Developed and deployed a full-stack competition platform supporting 200+ participants with seamless user experience.
- Implemented secure authentication and a 2-round system handling 50+ concurrent users efficiently.
- Integrated the all-MiniLM-L6-v2 Sentence Transformer model for automated evaluation with live leaderboard functionality.

SKILLS

Programming Languages: Python, C, C++

Frontend Development: React.js, JavaScript, HTML5, CSS3

Backend Development: Flask, Node.js, Express.js

Databases: MongoDB, Firebase

AI / Machine Learning: Scikit-learn, Pandas, NumPy, Deep Learning, Sentence Transformers

Core Concepts: Data Structures & Algorithms, REST APIs, Authentication Systems

Tools & Deployment: Git, GitHub, Vercel, Render

ACHIEVEMENTS

Filed 2 Copyrights – Government of India (2025–2026)

SAMADHAN 1.0 Hackathon – SISTec-GN (2024)

Smart India Hackathon – National Level Participant (2024)

Research Paper Author – Ongoing Publication (2026)

CERTIFICATES

Python Essentials Certification (2025) - CISCO

Data Analytics Virtual Job Simulation (2025) - Deloitte

Frontend Development Certification (2025) - Infosys

Programming in C (2024) - NPTEL