

Kavya Chouhan

kavyachouhan2005@gmail.com | 8369041693 | kavyachouhan.xyz | linkedin.com/in/kavya-chouhan
github.com/kavyachouhan

About

AI & Data Science professional skilled in building scalable AI solutions, data-driven dashboards, and innovative tech products focused on performance and real-world adoption.

Education

Jai Hind College, BSc. in Information Technology July 2023 – April 2026

- SGPI: 9.64 / 10

Indian Institute of Technology Madras, BS in Data Science May 2023 – May 2027

- CGPA: 7.35 / 10

Experience

AI Intern, AITS Software Pvt. Ltd. Sep 2025 – Nov 2025

- Enhanced AI-Agent platform by developing automated tests, reducing bug backlog by 30%.
- Resolved 10+ critical production issues, ensuring on-time product releases.
- Automated packaging, deployment, and monitoring workflows, reducing rollout delays by 20% and improving the reliability of the platform.

Data Analyst Intern, GAC Shipping – Mumbai Jan 2025 – May 2025

- Designed a financial analytics dashboard that was adopted in all global branches, reducing manual reporting by 80% and improving revenue visibility.
- Developed a real-time fleet monitoring dashboard with KPIs, enabling faster client decision making, and used in live client demos.
- Optimized SQL + Power BI pipelines for incremental refresh, improving dashboard latency by 40%.

Co-founder, Tech Horizons Club Dec 2024 – Present

- Founded a global student tech community, leading a hackathon that attracted 500+ participants from around the world.
- Organized technical workshops with 100+ attendees, collaborating with industry mentors and sponsors to deliver impactful learning experiences.
- Spearheaded community outreach initiatives that doubled the participation in Discord in six months through active events.

Projects

Saarthi - AI Chatbot for IITM BS Students March 2025 - Present

- Built an AI-powered academic assistant using RAG + LangChain + Gemini API, supporting 200+ weekly active users.
- Integrated MongoDB + Pinecone vector DB for <2s contextual responses, improving answer accuracy by 25% over baseline retrieval.
- Added a chatbot to production, achieving an adoption rate of 90%+ among the target students.

System Control with Hand Gestures Feb 2024 - March 2024

- Prototyped a hands-free system control interface using OpenCV + MediaPipe, enhancing accessibility for education and gaming.
- Secured 3rd place at Tech Srujan Competition, outperforming 30+ competing projects.

Publications

Phishing Detection and Prevention Using Machine Learning Algorithms

Jun 2025

Kavya Chouhan, Rohana Deshpande, Fatima Shaikh

10.5281/zenodo.15681835

Achievements

- **2nd Place & Best Innovate Hack**, *DreamHacks 2025* - Built **ParaDoc**, a collaborative AI health assistant.
- **1st Place**, Tech Srujan 2025: **Saj Dhaj**, AI-powered wardrobe manager.

Technical Skills

ML & AI: TensorFlow, PyTorch, Scikit-Learn, LangChain, OpenCV

Data & Analytics: Power BI, Tableau, Pandas, NumPy, MongoDB, Pinecone

Programming: Python, JavaScript, SQL

Frameworks: FastAPI, Django, Flask, React.js, Next.js, Bootstrap, TailwindCSS

Deployment & Tools: Git/GitHub, CI/CD, Cloud Deployments (AWS, Azure), Docker