

Caleb Chandrasekar

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Education

- Indian Institute of Technology, Ropar**, Minor in AI August 2024 – July 2025
- **Coursework:** Artificial Intelligence, Comparison of Learning Algorithms, Machine Learning
- K. R. Mangalam University**, B.Tech. in Computer Science and Engineering August 2023 – July 2027
(Specialization in AI/ML)
- **Coursework:** Operating Systems, Comparison of Learning Algorithms, Basic Machine Learning Concepts

Experience

- Technical Intern (AI)**, Xebia – Gurugram, Haryana, India June 2025 – July 2025
- Developed and maintained Legal Task/Ticket Management System using a RAG-based chatbot called Xenius.
 - Was introduced to SCRUM framework, and also aided other fellow interns in Next.js and Hono + Bun backend technologies.
 - Also worked in a project in Bangalore office for creating struct-agent: creates graph using structured data by NLP.
- ML Engineer Intern**, AcmeGrade – New Delhi, India Nov 2023 – Jan 2024
- Developed and maintained artificial intelligence models for applications using Python.
 - Collaborated with cross-functional teams in an agile environment to design and implement new models such as music recommendation and stock price prediction.
 - Improved code quality through peer code reviews and automated testing procedures.
- Coordinator**, Geek Room – K. R. Mangalam University April 2024 – Present
- Led tech initiatives and workshops under the college tech community.
 - Organized hackathons, coding contests, and student-led projects.
 - Mentored freshers and encouraged open-source contributions.

Projects

- Personal Portfolio Website** 🌐
- Developed a responsive portfolio MERN website to showcase projects, skills, and achievements.
 - Tools Used: React, Next.js, CSS, MongoDB
- Sahayak** 🌐
- Offline Mental Well-Being Companion: Sahayak delivers bite-sized coping exercises whenever you feel stressed or anxious via a local-first chatbot that runs entirely on your machine (no cloud calls) for complete privacy.
 - Tools Used: Python, Streamlit, Ollama, Langchain, Git, Github, Mistral(Model)
- Stock-Price Prediction And Music Recommendation** 🌐
- Developed two interactive Python-based applications, predicting stock prices through time series regression, and the other delivering personalized music suggestions via content-based filtering.
 - Tools Used: Python, Jupyter Notebook

Technologies

Languages: C++, Python, JavaScript, PHP, SQL, TypeScript, Java

Technologies: React, Next.js, Bun, Hono, Git, Docker, FastAPI, Langchain, Ollama, HuggingFace, Azure, OpenAI, GA4(Analytics)

Achievements

- Was part of one of biggest hackthon hosted by Geek Suite, called PEARS Hack as an organizer
- Featured as a campus community leader by KRMU's official social media handles.
- Became a certified Google's Analytics Tool Expert by completing GA4 certification.