

AKIF M.

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EDUCATION

Indian Institute of Technology Madras

Bachelor of Science

Major in Programming and Data Science; Minor in Generative AI + Multimodal AI Systems

Relevant Coursework: Machine Learning, Software Engineering, LLMs, Deep Learning, Data Analysis

Chennai, IN

Graduating in 2027

WORK EXPERIENCE

CodeDay Labs

Program Lead, Technical Mentoring

Seattle, WA

Apr 2024 – Present

- Onboarding and managing mentors and college students for CodeDay's Labs program in North America
- Helped 500+ STEM students gain real-world experience by pairing them with an industry mentor to work on OSS

CodeDay Lucknow

Regional Manager

Lucknow, IN

Jan 2023 – Jul 2024

- Organized Lucknow's first 24-hour hackathon for high school STEM students
- Mentored 200+ students by hosting workshops on Python, Git, Programming Basics, and AI/ML
- Oversaw internal operations, event logistics, sponsorship deals, and coordinated with 500+ students and parents

PROJECTS

MailMark | Flutter, Dart, Firebase

Mar 2025 - Present

- Cross-platform branding tool for professionals, **pre-seed funded** at \$2000
- Currently under development, ongoing beta testing with potential enterprise clients

SafeFall | Python, OpenCV, PyTorch

Jun 2024

- A realtime fall detection system using computer vision to enhance patient safety
- Implemented advanced image processing algorithms to detect sudden patient falls and alert medical staff
- Automated patient monitoring, reducing nurse workload and improving response times by 30% for fall incidents
- Winner of **Health Tech Innovators Hackathon** by Regeneron

Park-a-Lot | Vue.js, Flask, SQLite, Redis

Sep 2024

- Developed a full-stack parking lot management application with real-time updating admin and user dashboards
- Sophomore year project - **fully deployable prototype, graded A+** by industry professionals at IIT Madras

ACTIVITIES AND LEADERSHIP

CodeDay Lucknow

Core Team Lead and Mentor

Lucknow, IN

Jan 2023 – Present

- Leading and managing all operations and logistics of CodeDay's Lucknow chapter
- Mentoring the new team, enabling them to lead the next generation of tech leaders in Lucknow

Alpha Gamma Nu, IIT Madras

Core Team Member

Chennai, IN

Sep 2024 – Jan 2025

- AGNU is IIT Madras' prestigious fraternity committed to nurturing future innovators and pioneers
- Managed the team, oversaw event logistics, and coordinated talk sessions with established tech giants

ADDITIONAL INFORMATION

Technical Skills: Advanced in Python, SQL, Javascript (Vue.js), FastAPI; Proficient in Java, Flutter (Dart), GraphQL

Other Services and Tools: Docker, Git, Google Cloud, AWS, Jira, Linear, scikit-learn

Awards: Letter of Commendation by Defence Minister of India for top academic performance nationally, Winner of Health Tech Innovators Hackathon, GitHub Star Fielder Award Winner, and various other CS competition wins in high school