

# Akif M.

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## EDUCATION

**Indian Institute of Technology Madras, Chennai**  
Data Science & Programming | Bachelor of Science

*graduating Sep 2027*

## WORK EXPERIENCE

1. **CodeDay Labs - Director of Operations** *Jan 2025 - present*
  - Leading end-to-end operations, designing scalable workflows and infrastructure to ensure reliable, repeatable program delivery across students and mentors.
  - Driving operational consistency at scale by optimizing internal systems and processes.
  
2. **CodeDay Labs - Program Lead, Technical Mentoring** *Apr 2024 - Dec 2025*
  - Recruited, onboarded and managed industry professionals and paired them with college students in a mentorship setting to work on open source software.

## PROJECTS

1. **Park-a-Lot** *Parking Lot Management App* | **Vue.js, Flask, SQLAlchemy** [Repository](#)
  - A comprehensive multi-user parking management system which manages multiple parking lots, real-time spot availability and user reservations for 4-wheeler parking.
  
2. **SafeFall** *in collaboration w Abhisar Anand & Prakhar Verma* | **Python, OpenCV** [Repository](#)
  - A real-time fall detection system to enhance patient safety.
  - Implemented OpenCV algorithms to detect patient falls and alert medical staff.
  - Automated patient monitoring, reducing nurse workloads and improving response times.

## COMMUNITY WORK AND LEADERSHIP

1. **Notion Campus Leader** *Jan 2023 - present*

Serving as the bridge between Notion and my communities by promoting effective productivity, collaboration, and knowledge management practices through Notion.
  
2. **Core Team Lead, CodeDay Lucknow** *Jan 2023 - present*

Leading and managing hackathon operations of CodeDay's Lucknow chapter, providing guidance and overseeing sub-departments such as social, sponsorships, etc.

## HONORS AND AWARDS

1. **Letter of Commendation by Defence Minister of India** *May 2023*
2. **Winner of Health Tech Innovators Hackathon by Regeneron** *Jun 2024*
3. **Star Fielder Award at Github Field Day India** *Jul 2024*

## TECH STACK

- **Languages:** Python, Javascript, Java, Swift, Dart
- **Front-End:** Flutter, React, Vue.js, Tailwind CSS, Bootstrap
- **Back-End:** Node.js, Flask, SQL, NoSQL, GraphQL
- **Cloud, DevOps & Other:** AWS, GCP, Azure, Docker, Kubernetes, CI/CD, Git, Bash
- **Data Science & ML:** Numpy, Matplotlib, Pandas, scikit-learn