

AKIF M.

Lucknow, India | [+91 99844-88332](tel:+919984488332) | [Email](#) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

Indian Institute of Technology Madras - Chennai
Data Science & Programming | Bachelor of Science
Grade - S

graduating Sep 2027

WORK EXPERIENCE

1. **CodeDay Labs** - Program Lead, Technical Mentoring, Seattle - WA Apr 2024 - Present
 - Onboarding and management of mentors for CodeDay Labs Program.
 - I help college students get real-world opportunities by pairing them with an industry mentor to work on a real world open-source project.
2. **CodeDay** - Regional Manager, Lucknow - IN: Jan 2023 - Jul 2024
 - Organized Lucknow's first major level hackathon for high school students.
 - Helped conduct workshops on Python, Git basics and transformer models.
 - Coordinated with 500+ students & parents and managed all logistics.
 - Mentored students at the event in Python and artificial intelligence.

PROJECTS

1. **Suburb Services** *Urban Company Clone* | Python, Flask, SQLite, Jinja2 ([Repository](#))
 - Developed a full-stack service provider web application that connects individuals with professionals for home services ranging from househelp, repairs, etc.
 - Fully deployable prototype, graded S by professional proctors at IIT Madras.
2. **SafeFall** *in collaboration with Prakhar Verma & Abhisar Anand* | Python, OpenCV ([View it live](#))
 - A real-time fall detection system using OpenCV and Python to enhance patient safety.
 - Implemented advanced image processing algorithms to detect sudden patient falls and immediately alert medical staff.
 - Automated patient monitoring, reducing nurse workload and improving response times for fall incidents.

ACTIVITIES & LEADERSHIP

1. **Core Team Lead, CodeDay Lucknow** Nov 2023 - Present

Leading and managing all operations of CodeDay's Lucknow chapter.
2. **Management Lead, Alpha Gamma Nu, IIT Madras:** Sep 2024 - Present

Alpha Gamma Nu is IIT Madras' prestigious fraternity that's committed to nurturing future innovators and shaping the future of technology and leadership.

HONORS & AWARDS

- **Winner of Health Tech Innovators** hackathon by **Regeneron** Jun 2024
in collaboration with Prakhar Verma & Abhisar Anand ([Link](#))
- **Star Fielder Award** at GitHub Field Day India Jul 2024

TECH STACK

- **Languages** - Python, Dart, Java, C, C++, R, LaTeX, KaTeX
- **Front-End** - Flutter, HTML5, CSS3, JavaScript, Vue.js, Bootstrap
- **Back-End** - Flask-SQLAlchemy, MySQL, Postgres, SQLite, Firebase
- **Data Science & Machine Learning** - NumPy, Matplotlib, Pandas, scikit-learn
- **DevOps & Services** - Git, GitHub Actions and Flow, Google Cloud Platform, AWS