

Md Kaif

+91-9999066784

mohdkaif2003@gmail.com

GitHub

LinkedIn

Portfolio

Education

Indraprastha Institute of Information Technology, Delhi

2022–2026

Bachelor of Technology in Computer Science and Engineering

Technical Skills and Interests

Languages: C/C++, Python, JavaScript, HTML/CSS, React.js, Go

Tools/Technologies: VS Code, Git, GitHub, IntelliJ, Linux, Figma, Qiskit, PyTorch, Node.js, Cursor, Tableau, Kaggle

Technical Electives: Data Structures & Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Computer Organization, Introduction to Programming.

Projects

Multi-Scan-App

Apr 2025

Guide: Dr. Arani Bhattacharya

- Developed an Android app integrating document scanning and landmark recognition, featuring a user-friendly interface built with Jetpack Compose.
- Implemented TensorFlow Lite models for real-time landmark recognition and PDF generation for scanned documents, with navigation between features via a unified main menu.
- Technology Used: Kotlin, Jetpack Compose, TensorFlow Lite, CameraX, Gradle.

Online Book Store

Aug 2024

Guide: Dr. Vikram Goyal

- An online platform for browsing and purchasing books.
- Created under the guidance of Dr. Vikram Goyal, implementing Database Management System (DBMS) concepts.
- Technology Used: VS Code, CSS, MySQL, Express Js, Node Js, HTML, CSS.

U.S. Lightning Strikes Story (Tableau)

May 2025

Personal Project

- Analyzed a large dataset of over **13 million U.S. lightning strike records** (2009–2018) to uncover spatial and temporal patterns.
- Created a comprehensive Tableau story featuring time-series plots, heatmaps, and comparative dashboards.
- Focused on visual storytelling and insight-driven analysis for public presentation.

Experience

VeilCode Labs

Jan 2025 – Mar 2025

IIITD

- Collaborated on building a Cryptography Resource Portal to centralize course materials, cryptographic resources, and upcoming events for Applied Cryptography and Cryptanalysis, aiming to benefit thousands of students and users.
- Focused on creating user-friendly navigation and community interaction features, including discussion boards and resource bookmarking, to support seamless collaboration and learning.
- The project utilizes multiple tech stacks like Framer Motion, React.js, Node.js, and Firebase.

Online Contributor – IIITD-PYQs

May 2025

GitHub

- Added past year course materials for a new course (Design Research) to a popular IIITD repository, aiding thousands of students in exam preparation (PR #44 merged successfully).

Online Contributor – GatsbyJs

May 2025

GitHub

- Identified and reported a critical navigation error causing 404 errors due to incorrect URL handling on the Gatsby.js website.
- Provided a detailed bug report with reproduction steps, expected vs. actual behavior, and browser console evidence (Issue #39296).

Achievements

•Qiskit Global Summer School

2024

Participated in the IBM Quantum Computing Summer School.

•IBM Artificial Intelligence Fundamentals

2025

Showcasing my knowledge in AI/ML's fundamentals.

•Google Advanced Data Analytics

2025

Completed the coursera course to learn comprehensive data analysis as well as machine learning.