Md Kaif

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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, ReactJs, Go
Tools/Technologies: VScode, Git, Github, Grok, IntelliJ, HTML, CSS, Linux, Figma, Co-Pilot, Qiskit, Cursor, PyTorch, NodeJs
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

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 in the coming years.
– 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, 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 in the main branch).

•**Online Contributor - IIITD-PYQs**   *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.

–**JEE Mains**   *2022*
Scored 93%ile in one of the toughest entrance exams for engineering amongst 1 million candidates.