Md Kaif

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EDUCATION

Bachelor of Computer Science and Engineering, Indraprastha Institute of Information Technology

2022-2026

SKILLS

Programming Languages: C, C++, JavaScript, Python, Java **Database and Language:** Experience in Firebase, MySQL, SQL

Frameworks: working experience in React JS, Express JS, Node JS, Bootstrap

Version Control Tools and IDE: Git, Github, Visual Studio Code

Course Work: Database and management system, Object-Oriented Programming, Mobile Computing

Computer Networks, Operation Systems, Data Structures, and Algorithms

Soft Skills: Collaboration, Communication, Planning, Teamwork, Time Management

PROJECTS

MultiScan App (Guide: Arani Bhattacharya) 2025

- 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.
- Technologies Used: Kotlin, Jetpack Compose, TensorFlow Lite, CameraX, Gradle.

Online Book Store (Guide: Dr. Vikram Goyal) 2023

- 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.

EXPERIENCES

VeilCode Labs (Guide: Dr. Ravi Anand) 2025

- 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.

<u>Contributor – Gatsby.js (GitHub)</u> May 2025

- Identified and reported a critical navigation error causing 404 errors due to incorrect URL handling on the Gatsby is website.
- Provided a detailed bug report with reproduction steps, expected vs. actual behavior, and browser console evidence (Issue #39296).
- Issue was recognized by the Gatsby team and tagged for triage, contributing to improved user experience.

Contributor - IIITD-PYQs (GitHub) May 2025

• 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).

ACHIEVEMENTS & EXTRA-CURRICULAR ACTIVITIES

- Qiskit Global Summer School 2024
 - Participated in the IBM Quantum Computing Summer School. 2024
- Jee Mains 2022
 - Scored 93%ile in the JEE Mains, India's one of the toughest exams for UG amongst 10 Lakh students. 2022
- Artificial Intelligence Fundamentals by IBM SkillsBuild 2025