

Kabir Mota

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EDUCATION

Charotar University of Science and Technology, Anand, Gujarat
Bachelor of Technology – BTech Information Technology

June 2022 – May 2026
CGPA- 9.66 [3rd Rank]

HSC, Shakti School, Rajkot, Gujarat
GSEB – Science – 71%

June 2022

INTERNSHIP

Frontend Developer Intern – Encrypted Infoweb, Rajkot (On-site)

May 2024 – June 2024

- Built 5+ reusable UI modules using React.js and Tailwind CSS, improving mobile usability by 30%.
- Reduced frontend development time by 20% through modular design practices.

Undergraduate Fellow – CHARUSAT University, Anand (On-site)

August 2024 – Present 2024

- Led development for the official CSPIT website, improving accessibility for 3,000+ users.
- Collaborating on 4+ live department websites, reducing average page load time by 35% via UI/UX optimization.

PROJECTS

JurisAI – AI-Based FIR Classification System | Python (Random Forest), Flask, NLP

[\[Repo\]](#)

- Built an FIR classification tool to identify IPC sections using natural language processing.
- Trained a Random Forest model achieving 85%+ classification accuracy.
- Built React UI to display AI-based IPC predictions and deployed real-time Flask interface.
- Built and deployed Docker containers via Docker Hub for streamlined deployment

AirSync – Gesture-Controlled Gaming System | Python, OpenCV, MediaPipe

[\[Repo\]](#)

- Developed a real-time hand gesture recognition system for contactless gaming control using computer vision technique
- Optimized the system for low-latency performance and 85%+ gesture detection accuracy.

CivicBridge – Smart Governance Platform | Python (Flask), MERN Stack

[\[Repo\]](#)

- Developed a citizen-focused governance platform featuring **AI-powered policy summarization and chatbot support**.
- Integrated Flask backend with a MERN frontend to streamline public service access.
- Improved user comprehension by auto-summarizing lengthy policy documents, reducing average reading time by **60%**.

CERTIFICATIONS

- NPTEL** – Introduction to Programming in C (Top 5% Rank), Data Structures and Algorithms using Java, Database Management Systems, Operating System Fundamentals, Ethical Hacking, Disciplined Learner Certificate
- Nvidia** – Introduction to Transformer based NLP, Getting started with Deep Learning, Building LLM Applications With Prompt Engineering
- DeepLearning.ai** – Supervised Machine Learning, Advanced Learning Algorithms (Machine Learning Specialization)
- Google Cloud Career Launchpad** – Cybersecurity Track, Introduction to Generative AI
- AWS Academy Graduate** – AWS Academy Cloud Developing
- Udemy- Full Stack Web Development.**

ACHIEVEMENTS

- Appointed **Technical Coordinator** of the IT Department, CHARUSAT (2024).
- Secured **3rd rank** in department academics for **2 consecutive years** (2022–24).
- Achieved **10th place out of 300+ participants** in a competitive programming contest.
- Solved 300+ problems on LeetCode with a global rank ~304K.
- Selected for the **Undergraduate Fellowship Program**, contributing to real-world faculty projects.
- Ranked in Top 75 teams in the ODOO x CHARUSAT Hackathon (2024).
- Finalist in Solution Challenge Project Competition 2024 CHARUSAT.
- Volunteer at AWS Students Community Day CHARUSAT.

SKILLS

Programming Languages: Python, C, C++, Java(Basics), Go (Basics)

Frameworks & Libraries: Flask, OpenCV, MediaPipe, Scikit-learn, Tensorflow, Pandas, NumPy, Streamlit

Web Technologies: HTML, CSS, React.js, Node.js, Express.js, Tailwind CSS

Databases: MongoDB, MySQL,SQLite, VectorDB

Tools & Platforms: Git, GitHub, VS Code, Postman, Docker, Langchain

Concepts & Techniques: REST APIs, NLP, Machine Learning, Data Structures & Algorithms, Deep Learning

PUBLICATIONS

Doc App: Doctor Appointment System – Presented at ICTCS, Jaipur

December 2024

- Presented a paper on digitizing healthcare appointment systems to improve efficiency, accesibility and reduce waiting time by 40%.

Enhancing Law Enforcement with Open-Source Intelligence (OSINT) – Presented at SmartCom, Pune

January 2025

- Presented a paper outlining the impact of OSINT tools and strategies in modern policing and digital investigation workflows.