






# Soham Parikh

Final | Computer Science and Engineering | IIT Jodhpur  
+91 9429370973 | parikh.4@iitj.ac.in |  |  | 

## EDUCATION

**Indian Institute of Technology Jodhpur, India**

B.Tech in Computer Science and Engineering

Nov 2021 - May 2025

Current CGPA: 7.8/10.0

**Puna International School, Ahmedabad**

Higher Secondary Education

Jul 2020 - Jul 2021

81%

## EXPERIENCE

**Only Usable | Flutter App** | SDE Internship

May - Jun 2024

Flutter · Firebase · NoSQL · ONDC · E-Commerce

- Developed a cross-platform **Flutter-based application** tailored for people with special needs, utilizing the ONDC network to facilitate seamless interactions between buyers and sellers across platforms.
- Implemented item management processes including placement, return, and cancellation, integrated with a phone-based authentication system, and enhanced user accessibility by optimizing features like automatic address population and streamlining cart management.

**AIIA, New Delhi | Vamana App** | SDE Developer

Apr - Jun 2024

Flutter · MongoDB · Node.JS

- Led the design and development of a **Flutter-based Android application**, managing a team of 2, integrating user requirements and utilizing Figma for interface design, currently used by 30+ doctors and over 100 patients regularly.
- Created an efficient and visually appealing front-end using Flutter, prioritizing functionality, performance, and user experience.
- Architected a secure and efficient server-side backend using Node.js and MongoDB, deployed on AWS EC2, implementing APIs to manage patient data, optimize performance, and ensure seamless front-end integration.

## PROJECTS

**Aptos - Inter IIT TechMeet 12.0, Madras | OnChainRadio** | BlockChain Development

Nov - Dec 2023


Aptos Move · React · TypeScript · NFT · Petra Wallet

- Spearheaded the development of a **decentralized music streaming platform**, in a team of 5, leveraging Aptos' blockchain network.
- Directed and engineered backend infrastructure for secure music storage, user authentication, permission less uploads by artist and community-driven governance, and also implemented user-friendly features for linking songs, creating playlists.
- Collaborated with frontend developers to create a visually appealing and user-friendly interface for seamless navigation and engagement.

**Information Fusion of CT Images** | Dr. Angshuman Paul

Jan - Apr 2023

Python · PyTorch · Keras · OpenCV2 · Pandas · NumPy · Matplotlib · DL

Dataset 

- Devised a comprehensive approach utilizing techniques like CNN, SSL, VAE, and 3DCE to integrate modalities and extract features from the DeepLesion dataset, with VAEs crucial for recreating images with an MSE under 0.01.

## TECHNICAL SKILLS

**Skills:** App Development, Full Stack Web Development, Machine Learning | **Languages:** C/C++, **Python**, Dart, JavaScript (familiar), HTML, CSS, Aptos Move(familiar), SQL | **Frameworks:** *Flutter*, Node.JS, React.JS, Bootstrap, Tailwind CSS, Express.JS, PyTorch, TensorFlow | **Databases:** *MySQL*, Mongo, Firebase Realtime Database | **Libraries:** Pandas, Numpy, Matplotlib, SeaBorn, OpenCV | **Development Tools:** *VSC*, *Github*, *Android Studio*, Jupyter | **Other Tools:** Figma, Canva, Overleaf(LaTeX)

## RELEVANT COURSEWORK

Computer Networks, DSA, DBMS, OS, PRML, Blockchain, Cryptography, Cyber Security, Computer Vision, Probability Statistics & Stochastic Processes, Mathematics for Computing

## ACHIEVEMENTS

- Attended **Amazon ML Summer School 2024**, gaining hands-on experience with machine learning techniques and exposure to industry practices from Amazon experts.
- Achieved A- Grade in Cryptography under Dr.Somitra Kumar Sanadhya, DBMS, OS, ML, Comp Arch among a 100 students.
- Solved 300+ DSA problems on **LeetCode**, **GFGPractice**, and **Codeforces** enhancing algorithmic thinking.
- Stood 1st in 12-hr Web Development Hackathon in Prometeo'23, IITJ (The techno - entrepreneurial fest of IITJ).
- Engaged in the AMEX Campus Discovery Program 2024, gaining insights into financial technologies and networking with industry experts.

## POSITION OF RESPONSIBILITIES

- **Student Guide**, Student Well-being Committee, IITJ - Mentored 10 freshers on navigating college life, addressing personal and career challenges, and utilizing campus resources.
- Assistant Head, Media and Publicity **E-Cell, IITJ** - Managed a team of 5 to increase the public reception of E-Cell.
- Assistant Head, Design and Creativity **Aaftaab '22** - Led a team of 7 to design promotional content, oversee creative elements, and execute event branding, ensuring a successful event.