

Samarth Chauhan *Software Engineer*

📍 Gujarat, India ✉ samarthchauhan7@gmail.com ☎ +91 9426824765 🌐 xSaCh 📄 samarth-chauhan7

Work Experience

Employee Forums

Flutter Developer Intern

Nov 2024 – present

Remote - Mumbai

- Optimized app performance by identifying and resolving critical bottlenecks.
- Enhanced overall UX/UI design, aligning layouts and interactions with user.
- Developed reusable components, streamlining code maintainability and reducing development time for future features

Xingoda

Flutter Developer Intern

May 2024 – Aug 2024

Remote - Bangalore

- Integrated Firebase and RazorPay payment gateway, worked on various app modules.
- Improved skills in state management, API integration, third-party libraries and gained proficiency in Git.

Education Qualification

Bachelor of Technology (B.Tech) - Information Technology

Charotar University of Science and Technology

Oct 2022 – Present

Anand

Higher Secondary Certificate (CBSE)

Shri Ramkrishna Harikrishna Academy

2020 – 2022

Surat

Technical Skills

Languages: Golang | Python | Dart | C/C++

Developers Tools: Git | Docker | Linux | Rest API | GraphQL

Frameworks & Tools: Fast API | Flutter | Bloc | TFLite | Firebase | NodeJS | BeautifulSoup

Database: SQLite | MySQL | MongoDB

Projects

End-End Encrypted Messaging App

Flutter, Bloc, Python, FastAPI, MongoDB, SQLite

- **End-to-End encryption Messaging App** leveraging **asymmetric** public-private key pair exchanging.
- **Python Server** to handle multiple clients with **messaging queueing** and notification support.

DeepMelanoma - Skin Cancer Detection App

Flutter, TFLite, Bloc

- Developed skin cancer detection mobile application using Flutter and run **ML model natively** on device using **TFLite**.
- Predict cancer tumor from image captured by mobile with internet with accuracy **90%**, **specificity** of **99%**.

Treasurehunt Telegram Bot

Python, SQLite

- Developed TreasureHunt Telegram Bot facilitating **dynamic riddle allocation** through **QR Code** for challenge progression.
- Implemented functionality for multiple teams to participate in events, providing **live statistical** updates
- **Logging** capabilities for comprehensive **tracking** of team progress.

Achievements

Winner in State Level Poster Competition

Vidush Somany Institue of Technology and Research, Kadi

Won a prize of ₹25,000 as part of a team

Feb 2024

Winner in SCIENCE Manthan

P. D. Patel Institue of Applied Sciences, CHARUSAT

Feb 2024

Position of Responsibility

CP Squad Club, CHARUSAT - Tech Lead

Organized tech contests and ensured smooth operation of platforms and tools and collaborated with companies for sponsorship and platform integration for contests.

Mar 2024 – present

Data Science Club - Core Team

This club focuses on organizing events, seminars, and workshops for students regarding topics of Data Science, AI/ML. I am responsible for and handle the technical aspects of these events.

Sep 2023 – present

Certificates

- Operating System Fundamentals - NPTEL
- Database Management System - NPTEL
- MongoDB Node.js Developer Path - MongoDB University
- Introduction to Data Structures and Algorithms - NPTEL