

# Samarth Chauhan *Software Engineer*

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## 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 | RabbitMQ | GraphQL

**Frameworks & Tools:** Fast API | FlaskAPI | Flutter | 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.

### Xginx - Load Balancer

Golang, Python

- High-performance **Layer 7** Load balancer in Go with optimized HTTP routing, **session-based routing**.
- Streamlined backend operations, enhancing **scalability** and **fault tolerance**.

### 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
- Introduction to Data Structures and Algorithms - NPTEL
- Docker Training Course - KodeKloud
- MongoDB Node.js Developer Path - MongoDB University