Akshay Vaman Vhatkar

(+91) 7715940266 | Mumbai, India | akshay0706vhatkar@gmail.com | Portfolio

EDUCATION

Sardar Patel Institute of Technology | Bachelor of Technology, Computer Engineering (Feb 2020 – Present)
CGPA: 8.48

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Java, Python, Dart
- **Front-end and Back-end:** HTML, CSS, JavaScript, Flutter, Android, Firebase, NodeJS, MySQL

PROJECTS

RouteMate | Flutter application | (Feb 2023 - May 2023)

- Developed a solution application for the NP-Hard Vehicle Routing Problem utilizing C++ and Flutter
- Integrated Firebase database into the application to store current input and output data, while creating a NodeJS server to establish a connection between the C++ algorithm and Firebase database

ChatEx | Cloud based application | (Mar 2023 - Apr 2023)

- Developed a chat application using Flutter, providing a seamless user experience
- Integrated Google Cloud SQL as the backend database for the application, ensuring efficient storage and retrieval of users' chat data

StockIn | Web application | (Sep 2022 – Dec 2022)

- Utilized Flutter framework to create a dynamic website aimed at assisting users in exploring present stock trends and effectively monitoring their stock investments within personalized portfolios
- Incorporated Firebase database to securely store users' data, while employing NodeJS APIs to retrieve stock data from Yahoo Finance

Seva Satva | Android application | (Feb 2022 - May 2022)

- Developed a Java-based application for efficient management and facilitation of student enrollment into courses, allowing them to seek clarification from teachers and enabling teachers to schedule tests and share announcements with students
- Implemented the integration of Google Sheets API and Firebase to seamlessly retrieve and store comprehensive course and student-related data

INTERNSHIPS AND HACKATHONS:

Employee Forums: (Flutter Developer Intern) | (Jan 2023 – Apr 2023)

- Added features like finding nearby users using location-based API, fixed bugs and errors
- Integrated ChatGPT-powered chatbot, updated project with latest version and resolved package dependencies

Codeshastra 9.0 Hackathon (Organized by DJ CSI) | (8th April 2023) | 1 Day

- Developed an app to help students manage their finances effectively
- Implemented intuitive frontend components for seamless user experience, secured top 10 position among 53 competing teams, highlighting technical excellence and innovative approach

SPIT Hackathon (Organized by SPIT CSI) | (4th Feb 2023) | 1 Day

- Developed an app to improve user engagement towards sustainable development goals using elements of gamification
- Built frontend side of app and integrated firebase databases, news APIs to the app, won the Best UI/UX and secured a top 10 position out of 42 competing teams

LEADERSHIP AND INVOLVEMENT:

Mentor @CSI_CoC 2023 | (Feb 2023 – May 2023)

- I mentored second-year students as part of Community of Coders organized by CSI SPIT, assisting with mini-projects and tackling major technical issues. I provided guidance in project planning, implementation, debugging, and testing

Technical Head @TechRace_Oculus 2022 | (Sep 2021 – Jan 2022)

- Developed a Flutter app for TechRace 2022 by Oculus SPIT, offering seamless cross-platform functionality and advanced features to enhance user experience during the event