SAGAR DIPAK AKOLKAR

Student

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- Chh. Sambhajinagar

SUMMARY

I am a versatile software developer skilled in Android Jetpack Compose), Flutter, Node.js, and web development. I have experience in building real-time applications using Firebase and MongoDB. As a fast learner with a strong project portfolio, I have a proven ability to deliver scalable, user-centric solutions. Currently, I am looking for a tech internship to apply and grow my full-stack skills

KEY ACHIEVEMENTS

INNOHACK Hackathon Achievement

Won 1st Prize at INNOHACK Hackathon for building a life-saving public safety solution

EDUCATION

Bachelor of Technology - BTech, Computer Science

Deogiri Institute of Engineering and Management Studies

- 08/2023 12/2027
- Chh. Sambhajinagar

HSC

Saraswati Bhuvan

- 07/2021 06/2022
- Chh. Sambhajinagar

SSC

Holy Faith English School

- 06/2020 05/2021
- Chh. Sambhajinagar

SKILLS

- Language : Java, C, Python
- Android Development : Kotlin, Jetpack compose, MVVM architecture, Room Database, View Model
- Flutter Development : Dart, State management
- Backend Development : Node js., Express, Mongo Db, Firebase
- Tools & Frameworks : Postman, git & Github, AI tools

PROJECTS

Safit

Real-Time Emergency Response Platform

- Developed a cross-platform emergency alert system consisting of an Android app and a web portal
- Enabled users to trigger real-time alerts (fire, police, hospital), notifying both the nearest authority and registered emergency contacts via SMS
- Integrated real-time geolocation to route alerts based on proximity, enhancing emergency response time

Recomo

Movie Recommendation System

- Designed and deployed a web app recommending books/movies based on mood and preferences
- Implemented AI-based recommendation logic with Gemini API; reduced response latency by 40%
- Handled 100 concurrent user sessions in testing phase using Node.js and MongoDB Atlas

BlogIt

Daily Blogging Website

- A mobile blogging app that allows users to create, edit, and view blog posts
- Clean and responsive UI built with React
- Rich text editor for composing blogs

CuroSync

E Prescription & AI Medicine Scanner

- Built a full-stack system enabling doctors to upload and patients to view prescriptions in real-time
- Integrated image recognition with Gemini API to identify medicines from packets
- Deployed backend with JWT-based authentication, supporting 3 user roles and robust data flow

RunMate

Personal Running Tracker

- Developed an Android app that tracks running activity in real-time using location services
- Implemented Firebase for cloud-based session logging and analytics
- Optimized UI using MVVM pattern and reduced crashes by 60% through improved lifecycle handling

College

Real-Time Notification System

- A mobile based notification system built for colleges to streamline department-level communication
- Role-based login: HOD and Parents, allowing HOD to create & broadcast announcements
- Parents receive real-time updates specific to their department