Sahil Potdukhe

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PROFILE

Highly motivated and results-oriented Software Engineer with experience in mobile app development utilizing Flutter, Firebase, and cloud platforms. Proven ability to design, develop, and deploy user-centric applications that improve user engagement and drive business growth. Expertise in UI/UX design, secure authentication, real-time features, and performance optimization.

EDUCATION

IIIT VADODARA
B.TECH IN COMPUTER SCIENCE
2019-2023 | Gandhinagar, India
CPI: 7.86/10.00

DR. AMBEDKAR COLLEGE
Senior Secondary
2017-2019 | Nagpur, India
Percentage: 82.46

ST. CLARET SCHOOL
High School
2016-2017 | Chimur, India
CGPA: 10.0/10.0

COURSEWORK

UNDERGRADUATE
- Database Management System
- Operating Systems
- Data Structure
- Object Oriented Programming

SKILLS

PROGRAMMING
- Java • Dart • C
- HTML • CSS• UI/UX

TOOLS
- Flutter • Firebase.

SOFTWARES
- Android Studio • Figma • VS Code
- GitHub

EXTRACURRICULAR
- Member of Cultural Committee

INTERESTS
- Photography
- Gaming
- Designing

WORK EXPERIENCE

AMAZON | SOFTWARE DEVELOPMENT ENGINEER INTERN
January 2023 – June 2023 | Hyderabad
- Technology Used: Kata, CSS, Amazon API, JavaScript, TypeScript, Java.
- Developed "Quick Buys Card" on Cards Platform, increased user interaction by 30%, resulting in 40% growth in sales conversion. (UI/UX optimization, dynamic filtering, caching, and AJAX calls to increase performance by 50% (latency 50-80ms).
- Created a reusable Card template with filtering functionality, saving Amazon developers an estimated 60% in development time.
- Supported web analytics initiative and implemented bug fixing procedure to enhance application stability. Delivered presentations on Cards platform to onboard 3 teams.
- Refactored legacy "Bi-feature Card" code and transferred it to Cards Platform, reducing bugs by 30% and improving code maintainability and performance by 20%.

CLOUDY-ML | APP DEVELOPER INTERN
May 2022 – July 2022 | Work from Home
- Developed and deployed core user features (login, signup, profile management, and notification system) with responsive design for optimal mobile experience.
- Enhanced secure authentication system (email, phone OTP, Google integration) resulting in a 50% reduction in latency to get user data and optimized UI.
- Implemented cloud messaging platform for improved user experience (30% increase) leveraging push notifications for purchase, verification, and updates.
- Addressed authentication vulnerabilities and implemented privacy measures.
- Streamlined app development process by achieving a 40% reduction in app size (cloud-based assets management) and a 20% improvement in code quality.

PROJECTS

ECHAT | Chat Application | Link | Flutter, Firebase, Figma
- Built a chat application with real time messaging capabilities (text, images, videos, PDFs) and secure user authentication (Email, Google Integration).
- Enabled real-time voice and video calling functionalities using Agora SDK (including mute audio, disable video and call termination features).
- Implemented user search, profile management functionalities, contact inviting features, and call/message history for enhanced user experience.
- Optimized app performance through media caching and implemented cloud messaging for reliable push notifications of messages and calls.

HEYTALKAI | Link | Flutter, Dart, Figma, OpenAI
- Designed and implemented a cross-platform AI application utilizing OpenAI.
- Developed intelligent chatbots for user query resolution and informative response generation with the ability to adapt to different response models.
- Integrated user-driven image generation module using prompts. (DALL.E)
- Developed a language translation module for facilitating seamless communication across linguistic barriers.

E-COMMERCE APP | Link | Flutter, Firebase, Dart, Figma
- Developed a feature-rich e-commerce app (similar to Flipkart). It facilitates product browsing, cart management, and secure checkout with email auth.
- Enhanced user experience by implementing product search, order history viewing, and user profile editing functionalities.
- Built a dedicated Admin app for product management and user/product analytics through an intuitive dashboard.

MOVIES APP ↗ - Developed movie & TV show information retrieval system with API integration for popular titles, rating, description and watch trailers.

CODRR↗ (Play store) - (Group Project) Designed and built a gamified coding contest platform awarding in-app currency and redeemable rewards.