

AYAN CHOUGLE

Flutter Developer | Full-Stack Mobile Developer
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PROFESSIONAL SUMMARY

Skilled Flutter developer with a proven track record of building feature-rich mobile applications using modern architectural patterns (Provider, Hive, Firebase). Experienced in full-stack development with Python and Flask backends. Proficient in AI/ML integration (Google Gemini, Claude API), REST API design, and cross-platform mobile development. Strong foundation in clean code practices, state management, and responsive UI design.

CORE COMPETENCIES

- Mobile Development: Flutter, Dart, Android, Provider, Hive, Firebase, Responsive UI
- Backend Development: Flask, REST API Design, Python, Firebase, Cloud Integration
- AI & Modern Features: Google Gemini 2.5, LLM Integration, Chatbot Development, NLP, Emotion Analysis
- Web Technologies: HTML5, CSS3, JavaScript, Responsive Design, EmailJS
- Database & Tools: SQLite, Firebase, Git/GitHub, VS Code, Android Studio, Figma, FFmpeg, AssemblyAI

PROFESSIONAL EXPERIENCE

Flutter Developer (Remote) – Codedaddy.io

Aug 2023 – Sep 2023

- Developed cross-platform mobile features using Flutter with clean UI and smooth interactions
- Translated UI/UX designs into reusable Flutter widgets, improving code consistency
- Integrated application logic and managed state updates for forms, buttons, and navigation
- Debugged UI and functionality issues, improving app stability and real-world experience
- Gained hands-on experience with Git version control, code review, and agile methodologies

FEATURED PROJECTS

Streak Tracker – Advanced Habit Tracking App

Flutter | Hive | Provider | Notifications

- Full-featured habit tracking app with persistent Hive storage and sophisticated streak logic
- Integrated scheduled notifications, dark theme UI with animations and statistics dashboard
- Used Provider for state management and Hive for offline-first data persistence

Video Caption Generator – Bilingual Caption Application

Flutter | AssemblyAI | FFmpeg | Bilingual NLP

- Automatic video transcription with synchronized captions in English and Hinglish
- Integrated AssemblyAI API and FFmpeg for video processing with rotating font styles
- Implemented NLP-based translation for seamless English/Hinglish caption blending

Samyan – AI-Powered Mental Health Chatbot

Flask | Google Gemini 2.5 | NLP | Emotion Analysis

- Full-stack AI assistant with emotion detection and intelligent supportive responses
- Integrated Gemini 2.5 LLM with Flask backend and NLP-based sentiment analysis
- Designed accessible chat interface with scalable architecture for modular backend logic

Nestify Interiors – Full-Stack Interior Design Website

HTML5 | CSS3 | JavaScript | AOS | EmailJS

- Responsive luxury website with dark theme, AOS animations, and premium aesthetics
- Implemented 12-file static architecture with EmailJS backend and WhatsApp CTA integration
- Optimized for SEO and client communication with portfolio galleries

Movie Recommendation Chatbot

Flask | RESTful APIs | ML | Render Deployment

- Intelligent recommendation system with Flask backend and responsive frontend
- Deployed to Render with production-ready configuration and modular architecture

Additional Projects: Firebase Login App, Trading Tool with CHOCH/BOS Detection, FPS Racing Game, Unity Escape Room

EDUCATION

Bachelor of Engineering in Computer Engineering

ARM-IET, Mumbai | Graduating: 2026

- Participated in hackathons and led college mobile application development project
- Active in competitive coding events

Diploma in Computer Engineering

Anjuman-I-Islam Kalsekar Technical Polytechnic, Mumbai | Graduated: 2020

- First place award for rapid software development under time constraints
- Collaborative group projects with agile development experience

CERTIFICATIONS

- Python Programming – Udemy: Fundamentals, data structures, control flow, automation
- Flutter Development – Udemy: Cross-platform development, UI design, state management

TECHNICAL SKILLS SUMMARY

Languages: Python, Dart, JavaScript, HTML5, CSS3, SQL

Mobile: Flutter, Android, Provider, Hive, Firebase, Responsive UI

Backend & Web: Flask, REST APIs, SQLite, Firebase, Frontend, Material-UI

AI & Automation: Google Gemini API, Claude API, LLM Integration, NLP, Chatbot

Tools: Git/GitHub, VS Code, Android Studio, Figma, FFmpeg, AssemblyAI, EmailJS

Soft Skills: Problem-Solving, Debugging, Prototyping, Code Quality, Collaboration

KEY ACHIEVEMENTS

- Built multiple production-ready applications demonstrating expertise across mobile, backend, and web
- Integrated cutting-edge AI technologies (Google Gemini, Claude API) into real-world applications
- Implemented complex features: real-time notifications, video processing, NLP-based emotion analysis
- First place award at polytechnic for rapid problem-solving under pressure
- Active hackathon and competitive programming participant throughout engineering studies