CHAITANYA KANHAR

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SKILLS

- Node JS, Express JS, Flutter, Python, State Management, Clean Code
- Operating Systems, Backend, Firebase, iOS/Android App Development, Socket.IO

WORK EXPERIENCE

KIWI LIVE GLOBAL: *App Developer & maintainer*(3000+ MAU & 20000+ downloads)   03/2023 – Present

LANGUAGES: Node JS, Express JS, Laravel (Backend), Flutter (Frontend) DB: MongoDB, MySQL

- **Designed** and **executed** an audio live rooms feature, increasing active user participation by 60% weekly.
- **Optimized** Kiwi Short video and Live app API, reducing loading times by 80% (from 10 seconds to under 2 seconds) through frontend logic separation using BLoC in Flutter.
- **Developed** scalable APIs for proprietary link management in the Flutter app, reducing load times by 70% with PHP in collaboration with a team member.
- **Reduced** server costs by 80% by migrating from AWS to Contabo, including Amazon S3 storage.
- **Managed** all backend and frontend operations, maintaining 98% uptime for the startup.
- **Implemented** an interactive live lottery system using Socket.IO and Node.js, achieving a 25% profit margin on total bets. **Established** CI/CD pipeline for both backend and Flutter app, streamlining the deployment process using GitHub Actions

PROJECTS

SOLOPATI: [LINK](#) LANGUAGES: NodeJS and Express (Backend), Flutter (Frontend) DB: MongoDB

- Implemented real-time multiplayer game server using Socket.IO with Redis adapters, enabling low-latency gameplay with 10,000+ concurrent connections across distributed worker nodes.
- Developed comprehensive admin dashboard system with OTP authentication, role-based access control, and RESTful APIs powering both web panel and Flutter mobile interface.
- Engineered cross-platform financial infrastructure with multi-currency support, transaction analytics, and custom reporting tools for business intelligence and performance monitoring.

KUIDOCS: (Ongoing) [LINK](#) LANGUAGES: NodeJS and Express (Backend), Flutter (Frontend) DB: MongoDB

- **Extracted** and **mapped** the KUI font (a tribal Indian font recognized as a language last year).
- **Designed** and **developed** a platform to streamline typing in the KUI language.
- **Implemented** real-time editing and saving features similar to Google Docs.

ZERO AI DIALER: LANGUAGES: NodeJS and Express (Backend), Flutter (Frontend) DB: MongoDB

- **Streamlined** a project for spam call tracking and integrated an AI assistant for automated handling.
- **Developed** a Proof of Concept (PoC) app utilizing the latest mobile technologies.
- **Built** a comprehensive database of spam calls for labeling and future analysis.

ZERO PARK: LANGUAGES: Django(Backend), Flutter and NeXTJS(Frontend) DB: MongoDB

- **Developed** a comprehensive parking management solution to simplify, automate, and streamline parking space booking.
- **Integrated** OCR APIs, developed by a teammate, to simplify number plate scanning.
- **Designed** a user-friendly UI/UX to enhance consumer experience.

EDUCATION

Punjab Engineering College || Chandigarh, IN   August 2021 – May 2025

B.Tech. Computer Science

Relevant Coursework: Operating Systems, Machine Learning, Artificial Intelligence, Software Engineering, Object-Oriented Programming