Kartik Vats

Software Engineer with 3+ years of experience building and maintaining scalable, production-grade Software. Proven ability to lead end-to-end development, often functioning as the sole engineer and designer, delivering high-quality, production-ready applications. Expertise in designing software with clean architecture (MVC, MVVM) , implementing responsive UI/UX , and publishing apps end-to-end on the Play Store and App Store. Skilled in Flutter, Dart, Firebase, MongoDB, REST APIs, and modern state management tools Bloc, Provider, Riverpod, GetX. Interested in developer tooling, performance-sensitive systems, and improving workflows through usable interfaces

Work Experience

Senior Software Engineer - Mobile Platform
RAJMITH

Jul 2022 - Present

- Independently developed and delivered **5+** production-grade mobile applications using Flutter and Dart for Android and iOS platforms

- Successfully published **10+ apps** to the Google Play Store and Apple App Store, handling end-to-end store management, app signing, release cycles and ASO

- Applied state management solutions including GetX, Provider, Riverpod and flutter_bloc to manage complex app states

- Designed and implemented modular architectures (MVC & MVVM) ensuring scalability and clean and readable code

- Integrated Firebase, REST APIs, AWS, and MongoDB for real-time data syncing, user auth, analytics, and cloud functions

- Utilised CI/CD pipelines using GitHub Actions and Fastlane to reduce deployment time significantly

- Focused on delivering pixel-perfect UI/UX, responsive layouts, and animation-rich interfaces that aligned with product goals and improving user workflows

- Rebuilt legacy projects and improved code performance to handle scalability and device compatibility across Android and iOS with high iteration speed

- Teamwork : Collaborated with backend and design teams, while often working as the sole engineer, taking full ownership of app lifecycle

Education

Bachelors Of Computer Applications

Chandigarh University
Aug 2021 - Jul 2024
CGPA : 8.01/10

Contact

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Skills

Technical Skills

- **Programming & OOP:** C++, Dart, Object-Oriented Programming (OOP)
- **Software Design:** Software Design & Architecture, Modular Design, MVC, MVVM
- **Backend & APIs:** REST APIs, Node.js, Express.js, Socket.IO
- **Databases & Storage:** MongoDB
- **Cloud & DevOps:** AWS (EC2, S3), CI/CD (GitHub Actions, Fastlane)
- **Mobile Platforms:** Android, Apple iOS

Tools

- **Frameworks & SDKs:** Flutter
- **Developer Tools:** Git, GitHub, Postman, Visual Studio Code
- **Design & UX Tools:** Figma, Photoshop
- **Game / 3D Tools:** Blender 3D
- **Backend Services:** Google Firebase (Auth, Analytics, Cloud Functions)

Systems & Tooling Experience

- Built UI-heavy internal tools with complex state management
- Designed reusable component systems using OOP principles
- Improved workflow efficiency through UX-focused refactors
- Worked on performance-sensitive UI updates and data visualization

Languages

- English (Fluent)
- Hindi (Proficient)

Projects

Intellifi : Brain Games
[(Link)](#)

- Built a mobile-based brain training and focus game platform aimed at reducing doomscrolling
- Implemented custom UX components and interaction patterns to create a responsive, game-like experience.
- Structured gameplay logic and UI state using object-oriented design principles
- Iterated on usability, clarity, and first-time user experience to improve engagement
- Focused on performance-sensitive UI updates and smooth animations across devices

The Beyond Lifestyle : Meditation, Yoga, Wellness, Fitness Blogs
[(Link)](#)

- Developed a mindfulness and spirituality solution with localisation support using i18n and dynamic themeing system.
- Implemented custom UX components to give it a premium feel, elevating user experience

Mehandipur Balaji App
[(Link)](#)

- Developed a high-traffic devotional app with prayer timings, media galleries, wallpapers, Socket.io communication and push notifications.
- Scaled to 10K+ users with consistent performance. Uses GetX and MVVM. Supports localisation in 2 languages.

TaskyFox : Connect Freelancers and Service Seekers
[(Link)](#)

- Built, deployed and scaled a freelancing platform enabling freelancers to find work and job seekers to find freelancers.
- Designed and maintained a modular architecture and polished UI/UX.

Big Boyz Klub : Connect client to charter plane operators
[(Link)](#)

- Built and deployed a premium booking platform enabling users to book charter planes directly
- Designed and maintained a modular architecture and polished UI/UX
- This app utilises riverpod as preferred state management solution with deeplinking and payment gateway integration