MOHD FAISAL

Senior Frontend Software Engineer | React, Next.js, Flutter & TypeScript

faisalansari0367@gmail.com +91 79832 22190 New Delhi, India faisalansari0367 faisalansari0367
faisal-portfolio-five-woad.vercel.app

PROFESSIONAL SUMMARY

Senior Frontend Software Engineer with 5+ years delivering production web and mobile applications, including React/Next.js platforms and high-performance Flutter financial products. Strong hands-on experience with TypeScript, Dart, SPA architecture, Clean Architecture, BLoC/MVVM state management, routing, reusable UI components, centralized API integrations, offline-first synchronization, WebSockets, CI/CD, and performance engineering. Proven record of translating product requirements into maintainable technical solutions, leading end-to-end delivery, collaborating across product and engineering teams, and mentoring engineers while improving developer velocity and release reliability.

EXPERIENCE

React, Next.js, TypeScript, Flutter, Node.js

Junglee Games

May 2024 – Present Gurgaon, IN (Hybrid)

A leading skill-gaming platform with over 120 million users.

- Architected and delivered a **multi-brand Quiz/prediction-contest platform** across a shared Next.js/TypeScript monorepo — state management, server-side resolution, gesture-driven swipe-card interaction, and guest-to-authenticated session handling — serving a **200K+ user segment** while authoring the majority of quiz-related commits (git-verified).
- Owned end-to-end delivery of the **ITV7 Football migration** in **3 weeks** — Next.js/React UI, routing, state, API contracts, middleware, and iframe-embeddable session adapters — authoring **68% of commits and 77% of the shipped codebase** (git-verified).
- Architected an **agent-first, AI-assisted development workflow** for the migration, combining hook-enforced context loading, a self-maintaining technical wiki, and custom contract-first tooling to resolve 40+ specification and implementation discrepancies under deadline.
- Architected **shared mobile tooling, observability, and debugging workflows**, including a VS Code extension for Zookeeper and a proprietary debugging platform ("Fluto"), reducing configuration management cycle time by **50%** and accelerating QA velocity for 12+ engineers.
- Optimized infrastructure by tuning the dependency graph, resulting in a **30% reduction in build time** (18 min to 12.6 min) and a **7MB reduction in application size**.
- Automated release workflows using CI/CD pipelines and build automation, eliminating **20 minutes of manual effort** per release cycle while improving release reliability.
- Mentored **2 junior engineers** on full-stack development, system architecture, and code review best practices.

Flutter (Android/iOS)

5Paisa

May 2023 – May 2024 Mumbai, IN

A major stockbroking and financial services firm generating over Rs 3,946 million in annual revenue.

- Architected and shipped **Options trading modules** (F&O straddle calculator, portfolio dashboard) with **100ms update latency**, meeting the reliability and responsiveness demands of a live financial-services product.
- Engineered a **WebSocket + offline-first sync layer** with scalable backend integration, improving transaction consistency while optimizing CPU and battery usage.
- Led **architectural modernization** by establishing Clean Architecture and BLoC state management standards, reducing code duplication by **45%**.
- Drove performance optimization via profiling, lazy-list virtualization, and widget rebuild tuning, reducing frame render times by **>40%** while the Play Store rating trended **+0.7** over the same period.
- Pioneered **Flutter Add-to-App integration** by leading the piecemeal integration of Flutter modules into a legacy native Android/iOS codebase, enabling the application to render new Flutter widgets while maintaining existing native technologies.

Flutter

Codanto | Cupidknot | Opusmonk Technologies

Apr 2021 – May 2023 Remote

- Developed and delivered *Bioplus*, a biosecurity SaaS platform requiring mission-critical reliability, which directly contributed to the client successfully winning an **Australian government contract**.

- Architected a **reusable Flutter component library** and standardized service layers, which were adopted across **3 internal projects**, reducing new feature development time by **50%**.
- Designed an **offline-first polymorphic data synchronization engine** with conflict resolution and robust REST communication patterns, enabling field teams to operate seamlessly in zero-connectivity zones without data loss.
- Established **CI/CD infrastructure from scratch** utilizing GitHub Actions and Fastlane, drastically reducing the release cycle from **4 hours to 15 minutes**.
- Identified and resolved a critical **OTP stream memory leak** linked to an improper StreamSubscription lifecycle, reducing the login crash rate from **15% to <0.5%** while the Play Store rating improved from **3.8 to 4.5**.
- Integrated **ML Kit face verification** (liveness detection and biometric matching) to prevent synthetic accounts, effectively reducing fraudulent account registrations by **60%**.
- Shipped *Adani Saksham*, a comprehensive HR platform managing attendance and expenses, deployed across **5,000+ employees** to deliver significant operational efficiency gains.
- Engineered *Safal24*, a fully multilingual and voice-enabled news application supporting **8 Indian languages**, surpassing **50,000+ downloads** within the first 6 months while maintaining a **4.3 Play Store rating**.

OPEN SOURCE & LEARNING PROJECTS

- **Worker Isolate (Dart):** Published pub.dev package simplifying background isolate orchestration in Dart. Handles thread pooling, queue management, result streaming; reduces boilerplate for heavy compute tasks in Flutter apps.
- **Storage Details (Dart):** Published device storage analytics package providing granular metrics for adaptive caching and cleanup strategies.
- **Zookeeper Explorer (VSCode):** VS Code extension for browsing and managing Apache ZooKeeper clusters; simplifies distributed config inspection and debugging.
- **Enum Extension Generator (VSCode):** Code generation tool automating helper method generation for Dart enums (toString, serialization).
- **Syncboard** (Learning Project): Full-stack distributed task sync system exploring Go & Swift. Backend: gRPC server, PostgreSQL, event sourcing. Frontend: SwiftUI with offline-first persistence. Demonstrates commitment to continuous learning and shipping across new tech stacks.
- **AI-Powered AC Energy Optimizer** (Personal IoT): Machine learning system optimizing HVAC energy consumption via pattern analysis and intelligent control—achieved **22% energy reduction** over baseline.

SKILLS

- **Core Expertise:**
  - **Languages & Frameworks:** TypeScript/JavaScript, React, Next.js, Node.js, Dart, Flutter
  - **Frontend Architecture:** SPA Architecture, Clean Architecture, MVVM, BLoC, Routing, Reusable UI Components, Service-Layer Patterns, REST APIs, GraphQL, State Management
  - **Performance & Reliability:** Rendering Optimization, Responsiveness Tuning, Asynchronous Programming, Offline-First Sync, WebSockets, Memory Profiling, Debugging
- **Frameworks, Platforms & Tools:**
  - **Platforms:** Flutter (Android, iOS, macOS, Windows), KMM, Android Native, iOS Native
  - **Languages:** Dart, Kotlin, Swift, Go, TypeScript/JavaScript
  - **Web & Backend:** Next.js, React, Node.js, Zustand, Framer Motion, REST APIs, GraphQL, gRPC
  - **DevOps & CI/CD:** Git, GitHub, Bitbucket, Fastlane, GitHub Actions, Argo CD, Build Automation
  - **Databases & Services:** OpenTelemetry, Splunk RUM, Firebase (Realtime DB, Firestore, Crashlytics), PostgreSQL, MongoDB
- **Methodologies & Practices:**
  - Agile/Scrum, Test-Driven Development (TDD), Unit Testing, Integration Testing, Code Review, Mentorship, Cross-Functional Collaboration, CI Quality Practices
  - **AI-Assisted Engineering:** Agent-first development workflows (Claude Code), hook-enforced context systems, prompt-driven tooling and code generation

EDUCATION

B.Sc (Hons)

BR Ambedkar University

2018 – 2021 Agra, UP