

Sukhbeer Kumar

✉ sukhkmr19@gmail.com | 🌐 sukhbeer.im | 🔗 LinkedIn | ☎ +91-9540983617 | 🐙 Github

EDUCATION

SACHDEVA INSTITUTE OF TECHNOLOGY

B-Tech Electronics & Communication
2007 - 2011 | Mathura | Uttar Pradesh

AWARDS

- Employee of the Year (2019)
- Employee of Quarter (7 times)
- Employee of Month (14 times)
- Rising Star Award

SKILLS

MOBILE ENGINEERING

• Flutter • Android SDK (Kotlin, Java) • iOS (Swift) • Clean Architecture • BLoC • Dart Isolates • Offline-First Sync

BACKEND & PLATFORMS

• Distributed Systems • Go • Node.js/TypeScript • REST & GraphQL • Event-Driven Architecture • Microservices

FINTech & PAYMENTS

• Payment State Machines • Escrow Rails • Mangopay • Stripe • Idempotency • High Availability (99.99%)

DATA & STORAGE

• PostgreSQL • SQLite (WAL) • Redis • Vector Databases • Firestore

INFRASTRUCTURE & OPS

• Docker • Linux • Cloudflare • CI/CD Automation • PM2 • GitOps

AI & SYSTEMS

• Model Context Protocol (MCP) • Multi-Agent Workflows • LLM Inference Pipelines • Guardrails

OTHER PROJECTS

• Cricket Line Guru • TDSE • Tie Salon • Krishifal • Indhan • ScholarAces • RealSkill • FCR1899

CORE FOCUS

• Engineering Leadership • Systems Architecture • High Scale & Reliability • End-to-End Delivery

EXPERIENCE

BYTESIGMA TECHNOLOGIES | Tech Lead & Principal Architect March'21 - Present

- Lead multiple cross-functional engineering teams across mobile and backend platforms, guiding squad tech leads and streamlining release trains (improving delivery cycle efficiency by **35%**).
- Architected **Myndrix Core** (Go, PostgreSQL, Redis), a multi-tenant enterprise platform operating at high availability with zero downtime and strict data isolation.
- Built production-grade streaming AI pipelines using background Dart Isolates for Server-Sent Events (SSE) token chunks—delivering sub-150ms TTFT with stable 60 FPS mobile UI.
- Recruited, coached, and mentored engineers and tech leads; established architectural review boards, automated testing standards, and production observability scorecards.

DARS INNOVATIONS | Senior Software Engineer

Oct'18 - Feb'21

- Architected the **Filoo App** marketplace platform, integrating **Mangopay** escrow, wallet rails, and idempotent payment state machines with zero dropped states.
- Reduced application cold-start latency and memory footprint by **25%** through asynchronous state pipelines, reactive caching, and Clean Architecture.
- Designed reusable modular client SDKs and networking libraries adopted across 4 products, accelerating cross-functional feature velocity by 3 weeks.

BRAINMOBI TECHNOLOGIES | Mobile Engineering Lead

May'14 - Sept'18

- Managed and delivered **40+ commercial applications** for global enterprise clients using Java, Kotlin, and native SDKs adhering to strict performance standards.
- Engineered the **Ideal Smart** healthcare diagnostic platform, developing fault-tolerant Bluetooth Low Energy (BLE GATT) protocols supporting **100K+ active users**.
- Integrated Google Fit biometric APIs, Firebase real-time notifications, and background daemons ensuring reliable synchronization under volatile networks.

PROJECTS

MYNDRIX CORE | Multi-Tenant Core Platform + Agentic Orchestration

- Built enterprise control plane featuring Model Context Protocol (MCP) tool routing, tenant-isolated database schemas, and automated rollback gates.

FILOO PLATFORM | Marketplace Engine + Fintech + Distributed State

- Architected on-demand marketplace transaction backend with Mangopay escrow, vendor routing, and resilient checkout state machines.

IDEAL SMART | Connected Healthcare IoT + BLE GATT + Google Fit

- Delivered hardware biometric telemetry pipeline with packet reassembly, local SQLite buffering, and background cloud sync for 100K+ mobile devices.