

Mohammed Gaseer

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TECHNICAL SKILLS

Languages: Dart, Python, JavaScript, SQL, C/C#, HTML/CSS

Frameworks: Flutter, React, Angular, Node.js, .NET Core

Databases: PostgreSQL, SQL Server, MySQL, Redis, Firestore, SQLite

Cloud & DevOps: AWS, IIS, Docker, CI/CD(Codemagic, GitHub Actions), Shorebird

AI: RAG(pgvector, BM25 retrieval), MCP, Prompt Engineering

EXPERIENCE

Software Engineer

Jan. 2025 – Present

Zeta Software

Kochi, Kerala

- Sole owner of the mobile line for an enterprise HRMS/ERP suite – built and maintain Zeta ESS and a POS application solo on both stores, serving ~100 client organisations and ~5,000 employees
- Own release engineering – Codemagic pipelines for signed iOS and Android store builds, GitHub Actions deploying the Angular & .NET Core build outputs to IIS, and Shorebird code push cutting Dart-layer hotfix turnaround from a 2-day store review cycle to under ~10 minutes
- Act as cross-stack escalation beyond mobile, picking up Angular front-end and SQL Server work during P1 support tickets and release crunches to keep team delivery commitments on schedule

Flutter Developer

Jul. 2023 – Dec. 2024

Gramboo Technologies

Kochi, Kerala

- Shipped the mobile client for a jewellery ERP add-on suite to iOS and Android in a 5-member team – order management, sales estimation and inventory modules in production
- Took features from API contract negotiation with the backend team through peer-reviewed PR to store release
- Owned the full release path as the only mobile developer – signing, store listings, phased rollout and crash triage – with no dedicated QA or DevOps support
- Gathered requirements directly from shop-floor staff and translated jewellery retail counter workflows into app flows without a product manager in between

PROJECTS

Zeta HRMS | [\[App Store\]](#) | [\[Google Play\]](#) | *Flutter, Riverpod, Codemagic, .NET Core, SQL Server, Redis, Docker*

- Runtime multi-tenancy: the client organisation resolves at session start and swaps API base, theming and feature access without a rebuild, so a single binary serves every tenant instead of per-client build forks
- Employee self-service across leave, payslips, shifts, expense claims and directory with a manager approval queue – plus geofenced attendance punching that validates device location against tenant-configured site boundaries and handles mock-location injection explicitly and boundary-edge cases explicitly
- HR and employee assistant with no LLM in the loop intent classification over BM25 retrieval, deterministic slot and a calibrated reject option routing unanswerable queries to HR, holding per-conversation inference cost at zero

Jewellery Order Management | *Flutter, Riverpod, AWS, Express, MySQL, Sqflite, JWT, FCM*

- Offline-first order capture built for B2B jewellery exhibitions, where ~10,000 attendees saturate the venue network, orders written to Sqflite and reconciled server-authoritatively, so sales staff keep booking through dead connectivity
- Server-side pagination, search and filters with fetched pages cached in Riverpod providers, replacing full-list fetches that degraded as order volume grew. In-app query windows over orders and inventory with Excel export and share
- MVC client with Riverpod state over JWT-authenticated Express APIs on AWS and MySQL, with Firebase FCM for order status updates

SpotFeed | *Flutter, Supabase, PostGIS, FCM*

- Ephemeral location-scoped group chats – PostGIS radius queries gate room membership to users physically inside the zone, plus message history auto-expire after 6 hours
- Realtime messaging over Supabase channels with FCM push for backgrounded clients

EDUCATION

University of Calicut

Bachelor of Computer Applications (BCA)

Kerala, India

2020 – 2023