

Inam Ullah

AI Builder & Senior Software Engineer

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PROFESSIONAL SUMMARY

I build products with AI. 5+ years shipping SaaS platforms in fintech, AI, and enterprise — now fully AI-first, using Claude Code as my main development tool. I have shipped a complete mobile app with it, built automation pipelines with n8n and Claude API, and worked with RAG, vector databases, and AI agents in production. Been remote with a Dubai-based team for 2.5+ years as their core engineer.

SKILLS

AI & Automation: Claude Code, Claude API, OpenAI API, MCP, n8n, AI Agents, RAG Pipelines, ChromaDB, Prompt Engineering, Document Vision, Tool Use / Function Calling

Full Stack: React, Next.js, Node.js, NestJS, Express, Flutter, Python FastAPI, TypeScript

Databases: PostgreSQL, MongoDB, Redis, ChromaDB, Firebase

Cloud & Infra: AWS, GCP, Docker, Vercel, GitHub Actions, Brevo, Pusher, Firebase Cloud Messaging

PROFESSIONAL EXPERIENCE

MBAL Investments LLC, Dubai, UAE - *Senior Software Engineer - Remote*

JULY 2023 - PRESENT

- Built **Capital M investment platform** from the ground up — Next.js handles both frontend and backend, MongoDB for data, with PIN-based login, role-based access, and multi-portfolio support
- Working on an **AI-powered Investment Advisor** that uses OpenAI's tool to give investors contextual insights
- Handled SEO with Next.js SSR/ISR — solid Core Web Vitals scores across all pages
- Set up **Brevo** for transactional emails and **Pusher** for real-time notifications across the platform

ILI Digital, Lahore, Pakistan - *Software Engineer*

SEPTEMBER 2020 - MAY 2023

- Migrated multiple enterprise codebases from **JavaScript to TypeScript** — fewer bugs, easier maintenance
- Designed **RBAC, SSO, and REST APIs** from scratch with Express.js and MongoDB
- Shipped HRMS, fintech tools, and marketing sites — wired up payment gateways, analytics, and CRM integrations
- Ran code reviews, sprint planning, and releases while managing a small dev team

KEY PROJECTS

- **TailorKonnnect** — *Flutter, Express.js, PostgreSQL, Firebase Cloud Messaging*
Full mobile SaaS app for tailors — I built the whole thing with Claude Code. Handles customers, measurements, orders, push notifications, PDF invoices, an analytics dashboard, and a paid Pro plan.
- **Gmail Document Intelligence Pipeline** — *n8n, Claude API, Gmail API, Google Sheets, MCP*
Watches my Gmail for invoices and receipts, pulls down PDF attachments, runs them through Claude's document vision to extract vendor/amount/dates/line items, validates the numbers, and dumps everything into a Google Sheet. Messy documents get flagged for review. Hits 0.95 confidence on clean invoices.
- **AI Customer Support Agent** — *n8n, Claude API, Webhooks*
Takes customer questions through a webhook, has Claude figure out urgency and match against a knowledge base, then either auto-replies or escalates to a human with proper SLA tracking.
- **Covertly AI** — *Next.js, NestJS, Python FastAPI, GPT-4, ChromaDB*
Document intelligence tool — ingest docs, chunk and embed them into ChromaDB, then do semantic search and Q&A powered by GPT-4 through RAG pipelines.
- **Capital M** — *Next.js (Full-Stack), MongoDB, OpenAI API, Brevo, Pusher, Cloudinary*
Investment platform with multi-portfolio support, custom auth, SEO-optimized dashboards, and an AI advisor I'm still building out.

EDUCATION

University of Engineering and Technology, Lahore — BS Computer Science (2016 - 2020)

LANGUAGES

English (Fluent) | Urdu (Native)