

Inam Ullah

AI Builder & Senior Software Engineer | Claude Certified Architect

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PROFESSIONAL SUMMARY

Results-driven Claude Certified Architect with 6+ years of engineering experience translating complex business requirements into secure, scalable, production-grade AI systems across fintech, IT services, and professional services. Skilled in designing end-to-end architectures spanning multi-agent workflows, Model Context Protocol (MCP) integrations, structured output pipelines, and context engineering. Proven ability to establish governance, human-in-the-loop guardrails, and regression coverage that satisfy enterprise compliance and data residency requirements at production scale.

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 - MARCH 2026

- 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

- **Capital M — *Next.js (Full-Stack), MongoDB, OpenAI API, Brevo, Pusher, Cloudinary***
Investment platform I built from scratch and still own end to end. Multi portfolio tracking, PIN based login, role based access, transactional email, and real time notifications, with SSR and ISR pages that hold solid Core Web Vitals. Building out an AI advisor that answers portfolio questions from live account data.
- **AI Operations Platform, financial advice firm — *Next.js, TypeScript, Postgres, Anthropic SDK***
Sole engineer on a platform that pulls five live channels, Zoom meetings, phone calls, SMS, team chat, and Gmail, and turns them into tasks a human approves before they go live.
- **AI Sales CRM, IT services group — *Next.js 16, Supabase, Microsoft Graph, Anthropic SDK***
Solo architect on a CRM where a one person business runs its entire pipeline from one screen. Microsoft 365 email embedded through Graph OAuth, a drag and drop deals board, and agents that classify inbound replies, propose a stage move, and draft responses in the owner's voice.
- **AI Quote Intake Automation, construction contractor — *Next.js, Supabase, Gmail API, Simpro API, Claude SDK***
Replaces around 60 manual data entry jobs a week. Reads inbound work order emails and PDF attachments, pulls the fields out with an LLM, matches them against 1,400 existing site records, and drafts the quote behind a human review queue.

EDUCATION

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

LANGUAGES

English (Fluent) | Urdu (Native)

CERTIFICATIONS

Claude Certified Architect – Foundations — Issued August 2026

Verification: [Click here](#)