SHAHUL HAMEED UDHUMAN

Senior Technical Architect | Modernization | Cloud & AI Enablement

Chennai, India | +91 637 446 8865 | shameed.pro@gmail.com
LinkedIn: linkedin.com/in/shahul-hameed-udhuman | Portfolio: shameed.github.io

---

PROFESSIONAL SUMMARY

Senior Technical Architect with **18+ years of experience specializing in the transformation of legacy enterprise systems into modern, cloud-ready architectures** within the **P&C Insurance** domain. I focus on **improving platform reliability, performance, and scalability** by modernizing monoliths into **API-first, microservices-based systems**.

My work sits at the intersection of **cloud and hybrid architectures (AWS & Azure)**, **product innovation**, and **user experience modernization**, enabling platforms to evolve from project-centric implementations into resilient, configurable products. I lead **multi-platform integrations**—including document collaboration systems (Collabora CODE), billing and invoicing platforms, and external rating and verification services—ensuring seamless interoperability across complex ecosystems.

A hands-on architecture leader, I combine **pragmatic technical roadmaps**, DevOps practices, and automation to deliver measurable business outcomes. I am currently practicing **AI enablement on enterprise platforms**, applying contextual AI to enhance operational intelligence and workflow efficiency in SimpleINSPIRE.

CORE SKILLS & TECHNOLOGIES

Architecture & Platforms: Cloud Architecture (AWS, Azure), Microservices, Modular Monoliths, Event-Driven Systems, API-First Design, Multi-Tenant SaaS, Scalability Patterns
DevOps & Infra: CI/CD Pipelines, Containerization (Docker), Infrastructure Modernization, Release Automation, Observability & Monitoring
Languages & Frameworks: C#, Python, .NET Core / ASP.NET Web API, Entity Framework, Dapper, Angular, TypeScript, JavaScript
Security & Identity: OAuth2, OpenID Connect (OIDC), IdentityServer4, Token-Based Authentication, Secure API Design
Data & Integration: SQL Server, Legacy DB Modernization, API Gateways, Third-party Integrations
AI & Emerging Tech: RAG workflows, Vector DB (Milvus), LLM integration (Ollama, phi-3), Fine-tuning, AI assistants for workflows
Leadership & Soft Skills: Cross-Functional Leadership, Stakeholder Communication, Architecture Governance, Mentorship, Product-oriented Roadmaps

PROFESSIONAL EXPERIENCE

SIMPLESOLVE TECHNOLOGIES — Chennai, India

A leading provider of P&C Insurance Core Platforms

Technical Head & Technology Enabler | 2022 – Present

- **Defined enterprise architecture roadmap** for SimpleINSPIRE | Microservices, Azure/.NET | transitioned org to product-driven delivery and improved release predictability.

- **Scaled multi-tenant insurance platform** with API-first, modular microservices | enabled onboarding of multiple clients with **zero downtime** and improved platform resilience.

- **Established API governance and integration patterns** (REST, OAuth2) | reduced partner integration effort and accelerated ecosystem adoption.

- **Mentored and built architecture capability** across teams | instituted architecture reviews and raised internal capability to reduce external dependencies.

- **Led AI implementations on SimpleINSPIRE** — RAG + Milvus + LLMs | prototyped assistant workflows to augment claims and policy support.

Senior Technical Architect | 2020 – 2022

- **Instituted architecture governance & coding standards** | secure APIs and review boards that reduced production inconsistencies and improved code quality.

- **Spearheaded UI/UX standardization** and internal design system (Angular) | reduced front-end development time and improved user consistency across products.

- **Drove performance and scalability improvements** through service boundary redesign, caching and tuning | improved throughput and stabilized peak traffic handling.

- **Resolved major escalations and optimized incident response** | improved mean time to recovery and client satisfaction.

Associate Technical Manager | 2017 – 2020

- **Led migration of a decade-old ASP.NET Web Forms monolith** to a modular microservices + SPA architecture | executed incremental migration to avoid business disruption.

- **Architected centralized identity & security platform** using IdentityServer4 and OIDC | unified authentication across services and strengthened security posture.

- **Designed Policy, Claims, Billing engines** as domain services | enabled configurable product lines and faster product rollouts.

- **Implemented pragmatic DB transition strategy** preserving legacy data integrity while enabling service autonomy.

Key Product: SimpleINSPIRE

- Converted legacy platform into a configurable, API-driven insurance suite; integrated Collabora Online for document workflows and implemented proof-of-concept AI assistants to speed operations.

EXCELENCIA iTECH CONSULTING — Chennai, India

Senior UI/UX Engineer & Team Lead | 2012 – 2018

- Led full-stack teams to deliver enterprise HSE and SaaS products (e.g., Kuba.no) using .NET and MSSQL; introduced UX patterns to reduce rework and improve adoption.

- Coordinated engineering and design to deliver production-ready features on schedule.

SAM CONNECT TECHNOLOGIES — Chennai, India

Web Developer | 2009 – 2012

- Built dynamic enterprise web applications, focused on responsive UI and requirements analysis.

(Prior: Freelance Motion Graphic Designer, 2003–2009)

EDUCATION

Master of Computer Applications (MCA) - University of Madras | *Pursuing (Since 2023)*
Bachelor of Computer Applications (BCA) - Annamalai University | *2009*

HANDS-ON EXPERIENCE & TECHNICAL HIGHLIGHTS

- **Cloud (AWS & Azure):** Architected and operated services across Azure and explored AWS patterns for portability and disaster recovery.

- **Microservices & Distributed Systems:** Designed service boundaries, event flows, and resilient communication patterns for P&C domain services.

- **Secure API & Identity:** Implemented OAuth2/OIDC flows, centralized identity (IdentityServer4), and token management across microservices.

- **AI on SimpleINSPIRE:** Practicing RAG pipelines, vector DB (Milvus), LLM integrations (Ollama, phi-3) and fine-tuning to augment customer support and claims workflows.