

MEHBOOB ALI

Applied AI / LLM Engineer | Principal Software Engineer | Production Backend Systems

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PROFESSIONAL SUMMARY

Principal Software Engineer with 5+ years of production SaaS and backend experience, increasingly focused on practical LLM applications, coding-agent workflows, and AI-enabled developer tooling. Builds AI systems around real engineering and business workflows rather than demos, combining strong Ruby on Rails / Go foundations with context design, internal knowledge assistants, agent integrations, and developer productivity tooling.

AI / LLM EXPERIENCE

Built repository-level Cursor rules and reusable coding-agent skills after identifying quality gaps in generic AI output; the rules were merged into the main codebase and adopted across the engineering team.

Built rmime, a Go CLI that exposes Redmine issue, project, and time workflows to both developers and coding agents; added reusable skills for specification analysis and effort estimation.

Built an internal Slack knowledge assistant that uses company product blogs and historical Slack conversations as its knowledge base to answer recurring Customer Success questions.

Building a prompt-collection tool to capture, organize, and reuse effective prompts and AI-assisted engineering workflows.

Regularly design coding-agent workflows with Cursor and Claude Code, focusing on project context, reusable instructions, tool integration, and repeatable engineering tasks.

PRODUCTION ENGINEERING EXPERIENCE

7Vals / EZO

Lahore, Pakistan

Principal Software Engineer

Jul 2026-Present

Applied AI, platform engineering, technical leadership

Drive engineering enablement and AI-assisted development initiatives while continuing to own backend architecture, delivery, and production problem-solving.

Partner with Product and Customer Success on complex issues and internal automation opportunities where better tooling can reduce repeated engineering work.

Senior Software Engineer

Jul 2024-Jul 2026

Workflow platform / technical lead

Led an approximately 8-engineer team building a no-code workflow engine with runtime concepts directly relevant to agent systems: HTTP/API execution, expressions, branching, iteration, data transformation, external integrations, and execution context.

Led a 5-engineer CMDB / IT Graph initiative and a 2-engineer AWS Cloud Integration project, owning architecture, decomposition, reviews, stakeholder alignment, and hands-on delivery.

Built customer-facing Software Asset Management capabilities from usage telemetry through Shadow IT, analytics, widgets, and KPIs.

Software Engineer (L2) / Software Engineer

Aug 2021-Jul 2024

Backend / platform engineering

Re-architected a device synchronization pipeline from 12-15 hours to under 1 hour through batching and query optimization, providing production-scale systems experience behind current AI work.

Designed a foundational audit-trail engine and built integrations, ITSM, MDM lifecycle, reporting, and security improvements across a mature SaaS codebase.

TECHNICAL SKILLS

AI / LLM: LLM applications, coding agents, context engineering, internal knowledge assistants, prompt / tool workflows, Cursor, Claude Code

Backend: Ruby, Ruby on Rails, ActiveRecord, Go, SQL, REST APIs

Systems: Workflow orchestration, API integrations, data modeling, performance optimization, multi-tenant SaaS, AWS

Product / Tools: Slack integrations, Redmine tooling, Git, Sentry, Airbrake

OPEN SOURCE

rmine - *Go / AI coding-agent integration*

Open-source Redmine CLI with agent-friendly workflows and reusable skills for issue management and specification analysis.

bitwise_attributes - *Ruby / Rails*

Open-source ActiveRecord library with generated APIs, query scopes, validation, inheritance support, tests, and CI.

SELECTED CERTIFICATIONS

Finetuning Large Language Models | Claude Code 101

AWARDS & RECOGNITION

Model Software Engineer Award | Precision Engineer Award | Beautiful Code Writer Award (2x) | Rising Star Award

EDUCATION & RESEARCH

National University of Computer and Emerging Sciences (FAST-NUCES)

Lahore, Pakistan

Bachelor of Science in Computer Science | 2017-2021

Graduated with distinction; multiple Dean's Honor List recognitions.

Publication

Open Research Knowledge Graph for Structuring Scholarly Contributions Using Transformers