Moiz Imran

Engineering Manager | *AI-Native Systems & Full-Stack Delivery*

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Professional Summary

Engineering Manager with 8+ years of experience leading full-stack product engineering teams in client-facing services environments. Recent work focuses on designing and delivering AI-native and agentic systems, including LLM-powered workflows, structured output pipelines, human-in-the-loop review, and production AWS orchestration. Experienced in hiring, mentoring, technical planning, frontend architecture, design systems, performance budgets, stakeholder management, and delivery process improvements.

Experience

Tintash – *Engineering Manager*
Remote *Oct 2021 – Present*

- Led hiring, mentorship, performance reviews, and onboarding for 10+ junior to mid-level engineers; built a structured interview process and self-guided onboarding system to improve ramp-up consistency.
- Architected agentic AI systems for client delivery and introduced AI-assisted development workflows across the engineering team, reducing handoff friction and accelerating implementation cycles.
- Translated ambiguous client briefs into technical plans, delivery scopes, and implementation roadmaps across 6+ client accounts, including compliance automation, frontend rebuilds, and existing product work.
- Built and maintained component libraries and design systems to enforce UI consistency at scale; established linting, commit conventions, and pre-commit checks across teams.
- Set up Lighthouse-based performance budgets targeting 90+ scores and mock server infrastructure for secure, backend-independent local development workflows.

Tintash – *Senior Software Engineer & Developer I/II*
Remote *Feb 2018 – Oct 2021*

- Migrated Unity-based applications to modern React stacks, simplifying architecture and improving delivery velocity.
- Built real-time collaborative tools using WebSockets and serverless infrastructure for low-latency, multi-user production experiences.
- Engineered caching systems that cut load times by over 80%, directly improving usability and engagement.
- Delivered end-to-end features across React, Django, and AWS Lambda, owning testing and deployment.

Key Client Project

*For more projects, visit **moizimran.com***

Avetta Agentic Systems Engineer & Tech Lead
Python, MongoDB, AWS Lambda, Step Functions, Bedrock, LangSmith

- Designed and shipped the agentic change-propagation workflow for Avetta's Content Management Service: it processes approx. 1,000 regulatory forms, generates and validates proposed edits via LLM, and persists change requests with full audit trails for human review.
- Moved the workflow into production Step Functions orchestration with per-form retries, idempotency, and LangSmith tracing, and hardened structured LLM output reliability against malformed upstream data.

Personal Projects

PSX MCP Connector Personal
Cloudflare Workers, Model Context Protocol, TypeScript
https://github.com/moiz-imran/psx-mcp

- Built and deployed an MCP server exposing five tools for Pakistan Stock Exchange data, for use with Claude Desktop.

PerfLens Personal
TypeScript, Lighthouse, AI-powered code analysis, CLI
https://github.com/moiz-imran/perf-lens

- Built a CLI tool combining Lighthouse audits with AI-powered code analysis to detect frontend performance issues and produce framework-aware recommendations.

Skills

AI-Native Engineering: Agentic workflow design, LLM orchestration, LLM observability, prompt evaluation, structured output validation, coding agents, AI development tools, Model Context Protocol (MCP), Claude API
Languages: JavaScript, TypeScript, Python, SQL
Frontend: React, Next.js, Astro, Redux, TailwindCSS, Storybook
Backend: Node.js, Django, FastAPI, REST APIs, WebSockets, AWS Lambda
Tooling & DevOps: Git, Docker, Bitbucket Pipelines, AWS (EC2, Bedrock, Step Functions, Lambda), Lighthouse, CI/CD
Standards & Practice: Engineering guardrails, quality bars, playbooks, architecture reviews, system design, technical discovery, component/design systems, performance budgets, RFP scoping, Agile delivery
Leadership: Coaching, mentorship, hiring systems, interview design, async onboarding, feedback culture

Certifications

- Claude Certified Architect – Foundations, Anthropic (2026)
- Building with the Claude API, Anthropic (2026)

Education

LUMS – BSc Computer Science
Aug 2013 – May 2017 Lahore, Pakistan