

Misal Azeem

AI-First Full Stack Engineer

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PROFESSIONAL SUMMARY

AI-First Software Engineer and Full Stack Architect with 5+ years of experience building production-grade web applications and scalable GenAI systems. Core expertise in JavaScript, TypeScript, React, Python, and cloud infrastructure (AWS). Led RLHF and QA pipelines for Google DeepMind's Gemini models, drove 50% AWS infrastructure cost reductions, and delivered enterprise AI proof-of-concepts from architecture to deployment. Proven ability to lead cross-functional engineering teams, mentor 12+ engineers, and bridge advanced AI capabilities with production-ready code.

PROFESSIONAL EXPERIENCE

Frontend AI Evaluator (Contract)

March 2026 – Present

Revelo | Remote

- Engineered pixel-perfect "golden solution" UI components from Figma designs using single-file HTML, CSS, and JS to establish ground-truth datasets for AI model training
- Audited AI-generated code against complex behavioral prompts, identifying architectural flaws and logic errors that directly improved model accuracy and output reliability

Senior AI Software Engineer & QA Lead (Contract)

Oct 2025 – Present

Invisible Technologies (Meridial AI) | Remote

- Served as Individual Contributor and QA Lead for Google DeepMind training initiatives, ensuring high-fidelity code annotations and rigorous test validation
- Evaluated AI agent trajectories in complex scenarios, making deterministic scoring decisions to benchmark optimal agent performance
- Contributed to Kotlin open-source repositories by triaging issues, developing patches, and engineering comprehensive test suites

AI First Software Engineer (Contract)

Aug 2025 – Feb 2026

Crossover | Remote

- Led migration of Khoros community platform to AWS Graviton architecture, reducing EC2 infrastructure costs by 50%
- Implemented cost optimization strategies across AWS RDS, OpenSearch, and Kinesis, delivering significant quarterly budget savings
- Applied AI-first methodologies to streamline development workflows and architect scalable cloud systems

Full Stack Engineer (Contract)

Mar 2025 – Feb 2026

Mutekra | Remote, Pakistan

- Developed three enterprise-grade AI/GenAI proof-of-concept applications using Python, FastAPI, TypeScript, React, and Qdrant vector databases
- Designed and implemented Muswarm, a swarm-based AI agent visualization POC with Model Context Protocol (MCP) orchestration layer
- Engineered Musupportra, an agentic chatbot to autonomously handle Tier 1 support functions in the ISP domain

POD Lead (Contract)

Jun 2024 – Present

Turing | Remote

- Led a cross-functional engineering pod focused on code quality and RLHF (Reinforcement Learning from Human Feedback) for Google DeepMind's Gemini models
- Optimized data pipelines and annotation workflows across Python, Java, and JavaScript, accelerating the AI training process
- Mentored 12+ engineers to ensure high-quality data generation, collaborating with researchers to refine evaluation guidelines and boost model signal clarity

Front End Team Lead

Mar 2024 – Dec 2024

AAk Tele-Science | Remote

- Reduced website load times from 8s to 2s (75% improvement) through performance optimization and migration to Tailwind CSS
- Integrated Redux for state management and developed a full-featured dashboard with subscription management
- Led a team of developers, assigning tasks and mentoring on code health, best practices, and cross-team collaboration

Technical Lead

Jan 2021 – Mar 2024

RLAB Group

- Delivered CMS solutions (WordPress, Wix) achieving 95% client satisfaction and 20% boost in project efficiency
- Implemented QA pipelines that reduced post-launch issues by 95% and increased user engagement by 10%

TECHNICAL SKILLS

Languages

JavaScript, TypeScript, Python, Kotlin, Java, Ruby

Backend

Node.js, Express, FastAPI, Ruby on Rails, REST APIs

Cloud & DevOps

AWS (RDS, OpenSearch, Graviton, Kinesis), Docker, Git, CI/CD

Frontend

React, Next.js, Remix, HTML5, Tailwind CSS, Figma-to-Code

Databases

PostgreSQL, MongoDB, Redis, Qdrant (Vector DB)

AI & ML

GenAI, RLHF, MCP, Vector Databases, Prompt Engineering, Agentic AI

EDUCATION

Full Stack Web Development

Microverse

Mar 2023 – Oct 2023

Associate Degree in Computer Science

Virtual University of Pakistan

Oct 2021 – Oct 2023