

Saad Aslam

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Professional Summary

Full-stack Tech Lead with over 6 years of experience building AI-driven applications and leading cross-functional engineering teams to deliver enterprise-scale solutions. Specializes in agentic AI systems, multilingual model optimization, and scalable architectures using React.js, Spring Boot, and Python. Demonstrated expertise in technical leadership, driving performance improvements, and successfully managing projects across diverse technology stacks.

Technical Skills

- **Languages:** Java, Python, C++, GraphQL, JavaScript/TypeScript, SQL
- **Frameworks:** Spring Boot, React.js, Next.js, JUnit, LangChain, Flowise
- **Tools:** Docker, Git, GitHub, Maven, Postman, Putty/MobaXterm, Jira, Google Colab, Google AppScript, BurpSuite, n8n
- **Architecture & System Design:** Microservices, RESTful APIs, Distributed Systems, CI/CD Pipelines
- **AI & Machine Learning:** LLMs, Generative AI, AI Agents, Prompt Engineering, Fine Tuning, Model Context Protocol (MCP)
- **Core Concepts:** Object-Oriented Programming (OOP), Design Patterns, HLD/LLD, Operating Systems, Agile Methodology, Security & Authentication
- **Project & Team Management:** Project Leadership, Team Mentoring, Technical Documentation, Project Estimation & Tracking

Experience

Turing

Dec 2023 - Present

Tech Lead (Contract)

- Research and implement evaluation metrics for emerging AI capabilities such as reasoning, code generation, and multilingual understanding.
- Led a team of 50 software developers to optimize and enhance the performance of multilingual and Agentic AI models, focusing on improving accuracy, scalability, and efficiency across various applications.
- Conducted code reviews for agentic AI infrastructure, provided technical guidance on automated agent pipelines, and mentored junior engineers on AI agent methodologies
- Effectively managed project timelines and resources, ensuring the timely delivery of optimized AI solutions that met business objectives and stakeholder expectations, while presenting key insights to leadership.
- Conducted technical interviews for mid- to senior-level roles, assessing engineering talent.

i2c Inc

Sep 2020 - Dec 2024

Software Engineer (Full-time)

- Led development team through architectural decisions, code reviews, and technical standard establishment
- Directed system optimization initiatives increasing throughput and achieved 93% performance score
- Designed and implemented scalable architecture serving 248+ clients with real-time APIs
- Worked on security enhancement initiatives, implemented enterprise-grade protection (CSRF, JWT, PCI Compliance)
- Mentored engineering team on best practices, design patterns, and technical implementation, resulted in 20% productivity increase

Education

Government College University, Lahore

Jan 2016 - Dec 2020

Bachelor of Science in Computer Science

Projects

Mock Talent [URL](#)

Mock Talent is an AI-driven platform designed to revolutionize interview preparation and career development. The platform provides personalized mock interviews, resume optimization, and company insights.

GitHub Repository Insights Automation [URL](#)

This n8n workflow automatically collects GitHub repository metrics and exports them to Google Sheets. It searches for repositories by programming language, gathers detailed statistics including code metrics, and organizes the data in a structured spreadsheet format.