

Shafiq Imtiaz

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PROFESSIONAL SUMMARY

Senior Software Engineer - Principal with experience building AI-enabled integration products, backend services, and full-stack systems across TypeScript, Java, Python, React, Node.js, and Spring Boot. Reduced integration creation time by 90%, supported 2,500+ B2B client configurations, and improved manual review time by 50% through AI-powered workflows.

WORK EXPERIENCE

Flexspring <i>Senior Software Engineer - Principal</i> - Promoted to Senior Software Engineer - Principal in August 2026. - Designed and delivered AI-enabled integration capabilities supporting 2,500+ B2B client configurations across multiple product surfaces. - Built AI-assisted integration workflows using LLMs, Agents, MCP, and RAG, reducing integration creation time by 90%. - Used Claude Code as an AI coding agent for professional development and Codex for personal development. - Mentored interns and incoming developers through onboarding, technical guidance, and code reviews.	Aug 2026 - Present Remote Toronto, ON
Flexspring <i>Software Engineer - R&D and AI</i> - Engineered AI-powered data mapping solutions, reducing manual review time by 50% and improving recommendation accuracy. - Developed Studio AI Analysis to evaluate 50,000+ integrations using AI-based quality assessment workflows. - Migrated 5 core microservices to Spring Boot 3, improving API latency by 20%. - Built Credentials Manager for securely managing third-party API credentials across 8,000+ active client integrations.	May 2024 - Aug 2026 Remote Ottawa, ON
Flexspring <i>Software Engineer Intern</i> - Modernized 3 legacy services from Java 8 to Java 17 and Spring Boot 2 to Spring Boot 3. - Delivered 20+ reusable UI components for Monitor Pilot dashboard, improving rendering performance by 40%.	May 2023 - May 2024 Remote Montreal, QC
BSRM <i>Full Stack Software Developer</i> - Built procurement dashboard using React, Node.js, and SQLite, improving Material Requirement Planning efficiency by 89%. - Developed supplier integration platform connecting 40+ vendor systems with real-time inventory visibility and reporting.	Apr 2019 - Jun 2021 Chittagong, Bangladesh

PROJECTS

Nexus AI - Personal Academic Concierge <i>Personal Project</i> - Designed and built an agent-first academic workspace that unifies Google Classroom, Discord, Slack, and Google Calendar, converting fragmented announcements, deadlines, and study blocks into structured actions. - Implemented a conversational Gemini agent with the Vercel AI SDK, a local in-repo Google Classroom MCP server, browser-session tools for Discord and Slack, and two-way Google Calendar synchronization to extract exam dates, generate multi-day study plans, and write them directly to Google Calendar. <i>Gemini, Vercel AI SDK, Google Classroom MCP, Discord, Slack, Google Calendar</i>	
Flexspring-agent-core Built a reusable AI-agent foundation with TypeScript, Node.js, LLM APIs, MCP, RAG, and embeddings, standardizing development across 3 product surfaces and reducing new-agent setup time from days to hours. <i>TypeScript, Node.js, LLM APIs, MCP, RAG, Embeddings</i>	
Flexspring-file-manager Built a multi-region event-driven file synchronization platform as the sole engineer, owning storage, synchronization, permissions, authentication, observability, and monitoring integration. <i>TypeScript, Node.js, PostgreSQL, AWS S3</i>	
RAG Chatbot - Developed an internal RAG-based chatbot with embeddings and vector search. - Runner-up in a \$1,000 hackathon and improved sales lead generation compared to manual processes. <i>Crewdle AI, Embeddings, Vector Search, RAG</i>	

EDUCATION

MEng Software Engineering (Co-op) <i>Concordia University</i> Montreal, QC	2022 - 2024
BSc Electrical and Electronics Engineering <i>Islamic University of Technology</i> Bangladesh	2015 - 2018

CERTIFICATIONS

AWS Certified AI Practitioner <i>Amazon Web Services</i>	Nov 2025
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VOLUNTEER EXPERIENCE

Director of Sponsorship <i>HackConcordia</i> - Secured \$10,000+ in corporate sponsorship funding. - Helped organize Quebec's largest hackathon with 800+ participants from 97 universities.	2022 - 2023
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SKILLS

AI Engineering: LLM Integration, RAG, MCP, Embeddings, Vector Databases, Agent Workflows, Function Calling, AI Evaluation, AI Observability, Structured Output
Languages: TypeScript, JavaScript, Java 17, Python, SQL
Backend: Node.js, Spring Boot 3, Quarkus, REST APIs, GraphQL, WebSocket, OpenAPI
Frontend: React 18, Next.js, Vite, Tanstack, Chrome Extensions
Cloud & Data: AWS (S3, SQS), PostgreSQL, MongoDB, Redis, Docker, Kubernetes, GitHub Actions, CI/CD, Jenkins