

Faheem Kamel

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PROFESSIONAL SUMMARY

Motivated student with practical experience designing and building AI-driven and full-stack solutions for real world use cases. I enjoy learning new technologies, contributing reliable, well-structured engineering work that supports team goals. My projects and internships have strengthened my ability to architect scalable systems, automate complex workflows, and collaborate closely with mentors and teammates to turn ideas into impactful products. I'm seeking roles where I can continue growing as a developer, learn from experienced engineers, and contribute meaningfully to solutions that create measurable value for users and organizations.

EDUCATION

Singapore Management University (SMU) – Bachelor of Science in Computer Science

Aug 2023 – May 2027

- **Concentrations:** Software Development, Data Analysis, Machine Learning, Cybersecurity
- **Relevant Coursework:** Data Structures and Algorithms, Statistical Thinking for Data Science, Operating Systems, Software Product Management

PROFESSIONAL EXPERIENCE

Ensign InfoSecurity – Full Stack Developer Intern

Mar 2025 – Aug 2025

- Architected insider threat web application (Next.JS/Nest.JS/PostgreSQL), reducing incident investigation time by 40%.
- Achieved 100% deployment consistency via Docker containerization across development and production environments.
- Developed secure role-based access control to ensure comprehensive data protection.
- Automated processing pipeline for 1000+ data entries (CSV/Parquet format), with 99.9%+ accuracy, eliminating hours of weekly manual work.

University of Victoria – Full Stack Developer Co-op

Sep 2025 – Dec 2025

<https://inspireuvic.org/project/ai-for-non-profits-2025>

- Built an AI meeting intelligence platform with automated notetakers, real-time transcription, AI summaries/action-items, and <100ms SSE/WebSocket updates with 99.9% reliable sync across Google Meet, Zoom and Teams.
- Architected an AI-based email assistant integrating transcripts, CRM data and uploads for context-aware communication, supported by 8+ intelligent tools for search, thread analysis and contact lookups.
- Developed an MCP server that auto-fetches context, injecting it into LLM workflows, supporting multi-tenant use & AWS-deployed scalability.
- Designed a task and workflow system, with hierarchical projects, meeting-to-task conversation and automated Customer.io notifications.

CORE PROJECTS

Action Hub – AI Meeting Intelligence Platform

- Built a full-stack tool that captures meeting transcripts (Zoom, Google Meets, Microsoft Teams), summarizes key points, and generates actionable items using custom AI pipelines.
- Implemented embedded retrieval via MCP to contextualize previous meetings, email threads, and uploaded documents.
- Scaled the platform using microservices and deployed on AWS, ensuring low-latency real-time sync.

SmartMail – Email Assistant with Contextual Intelligence using an MCP Server

- Developed a smart assistant that reads meeting transcripts and CRM data, drafting follow-up emails with proper context.
- Architected a multi-tenant context retrieval service to provide semantic embeddings for users' data.
- Integrated with other internal tools via REST APIs for seamless access.

VOLUNTARY EXPERIENCE

Friends2Gather Community Service – Mentor

Jan 2024 – Dec 2024

- Mentored children from underprivileged backgrounds, tracking progress through weekly feedback sessions.

AWARDS & RECOGNITION

- MOE Edusave Good Progress Award (2020)
- SPF Commander's Award – Project Team Award (Q4-2021, Q2-2022, Q4-2022, Q1-2023, Q1-2023)

TECHNICAL SKILLS & INTERESTS

- Languages: Java, TypeScript/JavaScript, React, React-Native, Node.JS, Next.JS, Python, C, Assembly, SQL
- Tools & Tech: PostgreSQL, MySQL, Git, JIRA, Postman, REST APIs, Supabase, Docker, MongoDB
- Methodologies: Agile, Waterfall, SDLC, Object-Oriented Programming