# Saif Mahmud

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## SKILLS

**PROGRAMMING LANGUAGES:**

- Python - Java - C++ - SQL

**AI FRAMEWORKS:**

- LangChain - OpenAI - RAG Search - Gemini Pro

**SOFT SKILLS:**

- Communication - Problem Solving - Teamwork - Adaptability

**CLOUD & DEVOPS (PREVIOUSLY SYSTEM & TECHNOLOGY INTEGRATION):**

- CI/CD - Docker - System & Technology Integration

## REFERENCES

**ABU KABIR**

Director, IT Service Management
Microsoft Corporation
204-298-3693 | Winnipeg, MB

## CAREER OBJECTIVE

Skilled Software Developer eager to contribute to BMO's mission of simplifying finance. Proven experience in Python and AWS, seeking to leverage my abilities for scalable, reliable system development.

## EXPERIENCE

### ATS PASS AI | Python | Multiagent | AI

Resume Automation Tool - January 2024 - Present

Led the development of an AI-driven project, integrating CrewAI to automate tailored resume creation for enhanced job search efficiency.

- Engineered a system that personalizes resumes using AI, achieving over 85% keyword alignment with job descriptions for optimal **ATS optimization.**
- Integrated CrewAI for advanced resume optimization techniques, improving candidate profiles for ATS compatibility.
- Developed a scalable architecture to accommodate future enhancements and meet evolving industry demands, showcasing foresight and commitment to innovation.

### AI PATH FINDING | AI | A* | GameDev | CI/CD

AI-driven Game Development - September 2023 - December 2023

Developed an AI-driven game utilizing the A* algorithm to enhance user engagement and optimize system efficiency.

- Implemented the A* algorithm within the game's AI to dynamically calculate the most efficient paths, improving gameplay and user experience.
- Streamlined development cycles using CI/CD practices, enabling rapid iteration and continuous improvement of the game's AI features.
- Applied prompt engineering techniques to guide AI responses and enhance the game's overall user experience, fostering a more engaging and immersive environment.