# Saif Mahmud

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## **EDUCATION**

#### UNIVERSITY OF MANITOBA

BSc Major in Computer Science Graduated, October 2023

## RELEVANT COURSES

Al and Game Development (Java | Python) Distributed Computing (Python | JavaScript)

Data Structures and Algorithms (Java)
Object Orientation (Java | C++)
Software Engineering (Java | Unit Testing)
Database Implementation (SQL | Python)
Technical Communication in CS

## SKILLS

Programming Languages:

Python • Java • C++

Al Frameworks:

LangChain

Soft Skills:

Communication • Problem-Solving • Collaboration

## REFERENCES

#### **ABU KABIR**

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

#### **SAFIUR MAHDI**

Software Developer Skip The Dishes 204-583-3432 | Winnipeg, MB

## CAREER OBJECTIVE

Seasoned Software Developer seeking to leverage expertise in AI, NLP, and Python at Radical AI. Passionate about aligning technology with social good and ethical AI principles.

## **EXPERIENCE**

## ATS PASS AI | Python | Multiagent | AI

Resume Automation Tool - January 2024 - Present

Led the development of an Al-driven project, integrating CrewAl 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**.
- Project repository available here on GitHub.

#### **BLOCKCHAIN CAR MILEAGE TRACKER**

Blockchain | Vue.js

Project Experience - January 2023 - Mar 2023

Developed a blockchain-based mileage tracker to enhance data integrity and transparency, demonstrating adaptability to new technologies.

- Implemented blockchain technology, showcasing enthusiasm for embracing emerging technologies.
- Enhanced data integrity and transparency through meticulous attention to detail, demonstrating strong analytical skills.
- See more about the project in my <u>Blockchain Car</u> Mileage Tracker.

# Al PATH FINDING | Java | Git | CI/CD

Project Experience - Jul 2023 - Sep 2023

Designed and implemented an AI pathfinding algorithm using Java, emphasizing problem-solving and collaboration skills.

- Utilized Git for version control, ensuring efficient team **collaboration** and code management.
- Implemented the A\* pathfinding algorithm\*\*, enhancing problem-solving and \*\*analytical skills\*\*.
- Check out the program I wrote in my personal repository: AI Path Finding.