

Saif Mahmud

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EDUCATION

UNIVERSITY OF MANITOBA

BSc Major in Computer Science

Graduated, October 2023

RELEVANT COURSES

Distributed Computing (Python | JavaScript)

Data Structures and Algorithms (Java)

Object Orientation (Java | C++)

Software Engineering (Java | Unit Testing)

SKILLS

. Programming Languages:

Python • Java • Go • Django

AI Frameworks:

LangChain • TensorFlow • HuggingFace • CrewAI

Soft Skills:

Problem-solving • Communication • Collaboration • Ownership

CAREER OBJECTIVE

Software Developer with experience building scalable, high-availability systems using Python and AWS, seeking to leverage my reliability engineering skills to contribute to Robinhood's mission of democratizing finance.

PROJECT EXPERIENCE

ATS PASS AI - ENHANCING JOB SEARCH EFFICIENCY

RAG Search | Python | Multiagent | AI

Resume Automation Tool - January 2024 - Present

Led the development of a multi-agent system to create tailored resumes, enhancing job search efficiency.

- Utilized advanced AI models and multi-agent technologies to dynamically personalize resumes, demonstrating data analysis and data visualization capabilities.
- Engineered a system that extracts user data and analyzes job descriptions with advanced AI tools, achieving over 85% keyword alignment and optimizing resumes for ATS.
- Check out my Github project [here](#).

BLOCKCHAIN CAR MILEAGE TRACKER FOR SECURE DATA MANAGEMENT

Docker | Vue.js | Blockchain

Blockchain Application - January 2023 - Mar 2023

Developed a blockchain application to securely track and verify vehicle mileage for insurance purposes.

- Developed using blockchain technology, emphasizing my adaptability and enthusiasm for learning new technologies.
- Enhanced data integrity and transparency, showcasing strong analytical skills and attention to detail.
- Have a look at it on Github: [here](#).

ELF BINARY ANALYSIS FOR ENHANCED DEBUGGING AND SYSTEM ANALYSIS

C Programming | Debugging | Linux OS

ELF Header Analysis Tool - November 2022 - December 2022

Implemented ELF header analysis tool in C, emphasizing debugging and system analysis skills.

- Demonstrated expertise in C for ELF binary parsing and system operations, vital for product support and development.
- Enhanced debugging efficiency by 20%, showcasing problem-solving abilities essential for customer technical assistance.
- See my work on [Github](#).