

MD SAHIMUZZAMAN

Associate AI Engineer · Full-Stack Developer · DevOps & Cloud

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PROFESSIONAL SUMMARY

B.Tech graduate in AI & Machine Learning currently working as an Associate AI Engineer at Asrax Technologies. Experienced in building production-grade full-stack web applications, REST APIs, and AI-powered systems including LLM integrations, RAG pipelines, and vector search. Proficient in FastAPI, React, Flutter, Spring Boot, Docker, and GCP with strong CI/CD and cloud deployment practices.

EDUCATION

B.Tech – Artificial Intelligence & Machine Learning

Techno International New Town

2021 – 2025

CGPA: 7.47

Higher Secondary (12th) – W.B.C.H.S.E.

2020 | **81%**

Secondary (10th) – W.B.B.S.E.

2018 | **73%**

WORK EXPERIENCE

Associate AI Engineer

Asrax Technologies Private Limited · Engineering Department

Apr 2026 – Present

- Developing AI-powered features and full-stack web applications within a cross-functional engineering team.
- Designing and maintaining backend APIs, cloud infrastructure, and CI/CD pipelines on GCP and AWS.
- Applying LLM and RAG techniques to build intelligent, production-ready data-driven application features.

TECHNICAL SKILLS

Languages

Python, JavaScript, Java

Frameworks

FastAPI, React, Streamlit, Flutter, Spring Boot

AI & Machine Learning

Retrieval-Augmented Generation (RAG), LLM Applications, AI Agents

Databases

PostgreSQL, MongoDB, Redis, SQLite, Firestore

DevOps & Cloud

Docker, Kubernetes, AWS, Google Cloud Platform, Git, GitHub Actions, CI/CD

Tools & Platforms

Supabase, Android Studio, Cursor, Google Stitch, Antigravity

PROJECTS

CoreWebOps | *FastAPI · React · Docker · PostgreSQL · GCP*

- Built modular FastAPI backend with JWT authentication and REST APIs; deployed on Google Cloud Run via Docker.
- Implemented CI/CD with GitHub Actions and Cloud Build; built React dashboard for real-time ops monitoring.
- **GitHub:** github.com/sahim99/core-web-ops

AI Web Scraper | *Python · Selenium · LLM · Streamlit*

- Engineered cloud-ready Selenium crawlers integrated with LLMs to convert raw HTML into structured datasets.
- Delivered Streamlit UI with real-time progress tracking; production-ready for scheduled scraping workflows.
- **GitHub:** github.com/sahim99/Ai-Web-Scraper

RAG Question Answering System | *FastAPI · FAISS · Groq LLM*

- Designed full RAG pipeline: document ingestion, embedding generation, FAISS vector search, and Groq LLM responses.
- Modular FastAPI backend with Streamlit UI; end-to-end tested and deployment-ready on cloud infrastructure.
- **GitHub:** github.com/sahim99/rag-based-question-answering-system

CERTIFICATIONS

[AWS Cloud Technical Essentials](#) — Coursera

[DevOps on AWS: Code, Build & Test](#) — Coursera