AHMED SULAIMON
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GitHub • LinkedIn

Profile

Motivated Software Engineering student with a strong interest in full-stack development, data engineering, and applied machine learning. Proven ability to design and deliver end-to-end solutions, showcased in a personal project that scrapes real-time grocery prices, forecasts future trends, and generates intelligent shopping recommendations. Actively seeking a graduate role where I can contribute technical skills, problem-solving ability, and a passion for building impactful software.

Skills

Programming	Frameworks & Libraries	Databases & Cloud	Tools & Practices
Python, JavaScript	React.js, Next.js	PostgreSQL, MongoDB	Docker, Git & GitHub
TypeScript, C#	Flask, Express.js	AWS (Cloud Practitioner)	Agile, TDD, CI/CD
	Flutter, Tailwind CSS		Selenium, FastAPI

Professional Experience

Software Engineering Intern
Scrapays • Jun 2023–Aug 2023

- Built front-end features with React/Next.js, boosting user engagement by 20%.
- Styled responsive UIs in Tailwind CSS, improving satisfaction scores by 15%.
- Developed Express.js APIs with MongoDB, cutting query latency by 30% and ensuring 99.9% uptime.
- Collaborated across UX, QA, and DevOps teams to accelerate release cadence by 25%.

Student Mentor & Teaching Assistant
Sheffield Hallam University • 2025

- Assisted second-year Mobile App Development labs, debugging Flutter and Android Studio projects.
- Delivered one-on-one support on code architecture and best practices, improving student outcomes.
- Coordinated with lead lecturer to align lab exercises with module objectives.

Personal Project

Automated Price Comparison App • 2025
Flutter mobile front-end + Python microservices backend to compare grocery prices across UK retailers with ML-driven forecasts and natural-language recommendations.

- **Data Ingestion:** Headless Chrome/Selenium scrapers retrieve dynamic listings from Sainsbury's, Aldi, Iceland.
- **Forecasting Engine:** Weighted moving average with confidence scoring predicts next-week prices.
- **Recommendation Logic:** Combines current & predicted price with user ratings to generate human-readable advice ("Good time to buy — 85% confidence").
- **Architecture:** Dockerized services, FastAPI + Flask gateway, PostgreSQL with JSONB, CI/CD via GitHub Actions.

Education

BEng Software Engineering
Sheffield Hallam University • Sep 2022–Sep 2025 (expected)
Predicted 1st class honors. Relevant modules: Databases, Machine Learning, Mobile App Dev, Web Technologies.

Certifications

- **AWS Certified Cloud Practitioner** (CLF-C02)
- **Internship Experience UK** (Bright Network / PwC, Lloyds, BT, Deloitte)