

Sherif Fawzy Moussa

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SUMMARY

Software developer with 2.5+ years of experience building secure, scalable systems and automations across cloud and AI platforms. Proven in deploying maintainable data pipelines, integrating ML models, and leading Agile delivery. Strong foundation in Typescript/Javascript, Python, REST APIs, and Microsoft Azure (AZ-204 Certified).

SKILLS

Languages: Java, Python, JavaScript, TypeScript, C#, C++, SQL

AI & Data Tools: Pytorch, OpenCV, Transformers (HuggingFace), Scikit-learn

Cloud & DevOps: Microsoft Azure (AZ-204 Certified), Azure Services, Docker, GitHub Actions, CI/CD

Databases: SQL, MongoDB, PostgreSQL, SQLite, NeonDB, Azure Storage

Security & Governance: SAST/DAST, RBAC, API Security, Azure Key Vault, Identity and Access Management

WORK EXPERIENCE

Car Source Connect

Melbourne, VIC

Software Developer

Oct 2024 – April 2025

- Built an internal email automation pipeline that parsed invoice emails, extracted key details, and automatically updated the car stock system—cutting down admin time by 2–3 hours per day and reducing manual entry errors.
- Built an AI-powered car valuation extension that cut auction pricing time by 37% and supported over 200 transactions with real-time estimates and market data.
- Led development of full-stack internal tools using React, Node.js, and Fastify, delivering business-critical features and boosting operational speed across departments.
- Designed and deployed REST APIs and analytics dashboards to visualize and improve key dealership workflows.

Sole Trader/Freelance

Perth, WA

Freelance Software Developer

Jan 2024 – Present

- Scraped and standardized data from 6 car auction sites—over 4M car records warehoused for machine learning pipelines.
- Automated daily scraping of live and historical car data to support real-time analytics and model training workflows.
- Delivered AI tools for businesses including image classification, form extraction, and NLP-based sorting.

Thales Australia (via Curtin University Capstone Project)

Perth, WA

Industry Capstone Software Developer

Feb 2022 – Dec 2022

- Led Agile delivery as Scrum Master for a team of 5, coordinating sprints and code reviews in collaboration with senior Thales engineers to meet all project deadlines.
- Built a Java-based RAM monitoring tool to log background usage, helping developers present data to leadership and flag inefficient apps—revealing issues in ~29% of workflows.

EDUCATION & CERTIFICATIONS

CURTIN UNIVERSITY

Perth, WA

Bachelor of Computing (High Distinction)

2020 - 2022

Major: Computer Science | CWA: 82.96 | Letter of Commendation: 2020 - 2022

Microsoft Certified: Azure Developer Associate (AZ-204)

Jul 2025 - Jul 2026

Credential ID: 61DCE82F97A10285 | [Verify](#)

FEATURED PROJECT

[AUTODOC](#) (DOCUSIGN COMPETITOR):

April 2025

- Digital Contract Automation Platform for the automotive industry (DocuSign Alternative for Car Dealerships)
- Led backend development and designed secure PDF workflows with user access control.
- Integrated Stripe for billing and used templating to automate legal document population.