

Sherif Fawzy Moussa

Software Developer | Perth, Western Australia | <https://www.sherif.wiki/>
sherif.fawzy.moussa@gmail.com | P: (+61) 431627468 | [linkedin.com/in/sherif-f-moussa](https://www.linkedin.com/in/sherif-f-moussa)

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

- Led development of full-stack internal tools using React, Node.js, and Fastify, making key business-critical decisions and driving creative solutions that improved operational efficiency.
- Developed internal tools and integrated machine learning models with operational systems, improving team workflows and reducing manual overhead.
- Built REST APIs and integrated analytics tools to visualize and optimize business processes.

Sole Trader/Freelance

Perth, WA

Freelance Software Developer

Jan 2024 – Present

- Developed automated data scrapers with PostgreSQL/SQLite for fault-tolerant machine learning pipelines.
- Built real-time integration flows and tooling to support analytics and computer vision projects.
- Delivered AI tools for business operations including image classification, NLP-based sorting, and form extraction.

Thales Australia (via Curtin University Capstone Project)

Perth, WA

Industry Capstone Software Developer

Feb 2022 – Dec 2022

- Served as Scrum Master for an Agile capstone project with Thales Australia; led sprint planning, code reviews, and team collaboration with senior Thales developers to ensure on-time delivery.
- Developed a Java-based internal RAM usage and performance monitoring tool for Thales systems to help the software team detect and reduce performance issues caused by resource-intensive applications.

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.