

# Sherif Fawzy Moussa

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## SUMMARY

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Azure-focused software developer with experience across the full SDLC, including building internal tools, API integrations, and data pipelines. Currently pursuing Microsoft AZ-204 certification. Passionate about automation, performance optimization, and scalable system design.

## SKILLS

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**Technical Skills:** Azure, C#, .NET, SQL, Typescript, Javascript, HTML/CSS, Node.js, React, Next.js, TailwindCSS, REST APIs, Puppeteer, Playwright Jest, Git, Python, Pandas, Numpy, Pytorch, Vitest, Jest

**Certifications & Training:** Currently obtaining a Microsoft Certified: Azure Developer Associate (AZ-204)

## WORK EXPERIENCE

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### Car Source Connect

Melbourne, VIC

Software Developer, Team of 3

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.
- Designed analytics dashboards to track expenses, monitor profit trends, and visualize car auction data, enhancing business decision-making.

### 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.

### Thales Australia (via Curtin University Capstone Project)

Perth, WA

Industry Capstone Software Developer – Thales Australia, Team of 5

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 developers to ensure on-time delivery.
- Developed an 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

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### CURTIN UNIVERSITY

Perth, WA

Bachelor of Computing (High Distinction)

2020 - 2022

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

## FEATURED PROJECT

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### AUTODOC (DOCUSIGN COMPETITOR):

April 2025

- Digital Contract Automation Platform for the automotive industry (DocuSign Alternative for Car Dealerships)
- Built full-stack SaaS tool for dynamic contract generation, PDF parsing, and role-based signing.
- Integrated Stripe for billing and used templating to automate legal document population.

## REFERENCES

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Reference available upon request