

Sherif Fawzy Moussa

Software Developer | Perth, Western Australia | <https://www.shero.wiki/>
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SKILLS

Technical Skills: Azure, SQL, Typescript, Javascript, HTML/CSS, Node.js, React, Next.js, TailwindCSS, Puppeteer, Playwright, Jest, Git, Python, Pandas, Numpy, Pytorch

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

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.
- Integrated machine learning models into the car valuation process, reducing evaluation time by over 2 hours per day for the sales team.
- Designed analytics dashboards to track expenses, monitor profit trends, and visualize car auction data, enhancing business decision-making.

Sole Trader

Perth, WA

Software Developer

Jan 2024 – Present

- Designed, built, and deployed web scrapers to collect historical and real-time data for machine learning and computer vision pipelines.
- Used PostgreSQL and SQLite with transactional operations to ensure data integrity and fault tolerance during scraping.

Thales Australia (via Curtin University Capstone Project)

Perth, WA

Industry Capstone Software Developer – Thales Australia

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

CURTIN UNIVERSITY

Perth, WA

Bachelor of Computing

2020 - 2022

Major in Computer Science (Graduated with High Distinction)

CWA: 82.96; Received Letter of Commendation for academic excellence for years 2020 - 2022

PROJECTS

AUTODOC (DOCUSIGN COMPETITOR):

April 2025

- Digital Contract Automation Platform for the automotive industry (DocuSign Alternative for Car Dealerships)
- Designed and developed a full-stack web application tailored for car dealerships to automate the preparation and signing of vehicle sales contracts. Uses PDF processing to auto-generate required documents from uploaded sales contracts and dynamically populate signature fields based on configurable templates..
- Built a user-based platform with role-based access control (Admin, Manager, Staff) and integrated Stripe for subscription billing and payments.

WEB SCRAPERS

Jan 2025

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