Sherif Fawzy Moussa

Software Developer | Perth, Western Australia | [Portfolio Site](#)
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SUMMARY

Full-stack Software Engineer with 2.5+ years of experience building secure, scalable applications across TypeScript, React, .NET, Node.js, C#, and PostgreSQL. Skilled in CI/CD automation, cloud deployments (Azure certified, AWS exposure), and DevOps. Experienced with collaborating both locally and remotely and delivering end-to-end software solutions in Agile environments.

WORK EXPERIENCE

Freelance Software Developer   Perth, WA
Software Developer   Jan 2024 - Present

- Delivered several Python and Pandas based data/CSV tools to automate laborious manual entry and calculation jobs for private clients working in companies such as: Etax and iTLC.
- Engineered data pipelines with Cheerio, Kysley and Puppeteer to warehouse over 4M+ records, from different auction platforms such Manheim, Carlins, etc, standardising data for machine learning.
- Maintained a Javascript multi-use Chrome extension for Car Source Connect, enabling users to query and redirect to automotive sales and auctions platforms for similar vehicles as the one they are viewing.

Car Source Connect   Melbourne, VIC
Software Developer (Remote)   Sep 2024 - April 2025

- Built an auction cars valuation model using mainly Pytorch, and Scikit-learn.The model aided in pricing, cutting pricing time by 37% and supported over 200 transactions.
- Developed an email automation pipeline to parse invoice emails, extract key details and automatically update the car stock system Easycars - cutting down admin time by 2-3 hours per day and reducing manual entry errors.
- Led R&D and MVP development of Autodoc, a SaaS that automates the contract process for the auto industry.
- Designed metrics and analytics dashboards using D3 to visualise and improve key dealership workflows.

Thales Australia   Perth, WA
Student Software Developer (Hybrid)   Feb 2022 - Dec 2022

- Led a 5-member team as Scrum Master in agile delivery of a Java written RAM usage monitor to log background program usage, helping Thales developers present data to leadership and flag problematic apps.
- Took lead during on-site sprint reviews, and sprint plannings at Thales, collaborating with Senior developers to ensure all milestones are met.

EDUCATION & CERTIFICATIONS

Curtin University   Perth, WA
Bachelor of Computing, Computer Science (High Distinction)   2020 - 2022
CWA: 82.96 (4.0 GPA Equiv.) | Received Letter of Commendation: 2020 - 2022

Microsoft Certified: Azure Developer Associate (AZ-204)   Jul 2025 - Jul 2026
Credential ID: 61DCE82F97A10285 | [Verify](#)

SKILLS

Backend: Typescript, Javascript, Python, Pandas, Fastify, .NET, REST APIs
Frontend: React, Tailwind, Vite, Tanstack, Next.js Vue, CSS, Angular, D3
Cloud & DevOps: Microsoft Azure(AZ-204 Certified), Docker, Github actions, AWS
AI & Databases: SQL, PostgreSQL, MongoDB, SQLite, Azure Storage, Pytorch, Scikit-learn, OpenCV

FEATURED PROJECT

[**AUTODOC**](#)   Dec 2024 - April 2025
- Digital Contract Automation platform for the automotive industry (Docusign Alternative).
- Led backend development and PDF population workflows with user based access control.
- Integrated Stripe for billing and used templating to automate legal document population.