Sherif Fawzy Moussa

Software Developer | Perth, Western Australia

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SKILLS

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

Certifications & Training: 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
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PROJECT 2 PLACEHOLDER   Jan 2025
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