Jack Murley
Full Stack Engineer

Full-stack engineer with expertise in both Microsoft and AWS ecosystems, utilising cutting-edge technologies to develop and deploy not only bespoke software solutions but also modular and scalable microservices to support existing monolithic applications.

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Melbourne, Australia 📍

jtmurley.github.io/portfolio/ 🖱

linkedin.com/in/jackmurley in

PROMINENT WORK EXPERIENCE

Senior Software Engineer
Champion Data

03/2023 - 06/2025   *Melbourne, Australia*

Software Engineer within the cloud services team developing bespoke platforms. Using primarily .NET, Lambda, DynamoDB, AWS CDK, SNS and S3

Achievements/Tasks

- Spearheaded the initiation and implementation of Champion Data's first POC documentation hub that has now become the AFL SDP Doc Hub.
- Work with as well as support multiple internal and external clients daily, including Sportsbet, Pointsbet, TAB, Sportcast, Dabble, AFL HQ and Collingwood.
- Overhauled existing testing processes and created a new automated test harness enabling the creation of 500 new and existing AFL metrics in under 6 months.

Software Engineer
Carsales

06/2022 - 03/2023

Software Engineer within the Dealer Finance team working directly with FSPs to enable onsite pre-approval using primarily C#, React, AWS and Postgres.

Achievements/Tasks

- Leading and setting Code Review, Development, Release and Maintenance standards.
- Championing major releases and OKRs.
- Successful migration of 25+ existing legacy pipelines from Jenkins to Github actions.
- Running multiple knowledge sharing sessions independently.

Software Engineer
Leidos

01/2021 - 06/2022   *Melbourne, Australia*

Software Engineer within the C4ISR division developing bespoke Microservices and web applications using primarily C#, Angular, T-SQL, Docker and K8s

Achievements/Tasks

- Creation, implementation and configuration of multiple CI/CD and CA pipelines to not only streamline the software development process but also ensure a higher code quality.
- Development of multiple bespoke elasticsearch implementations for existing monolithic applications to replace inefficient and unreliable SQL search queries.
- Creation and implementation of multiple keycloak SSO instances to replace existing kerberos sidecar implementations to reduce overall tech debt.

SKILLS

Microservices · .NET · Docker · AWS · CI/CD · RabbitMQ · Gitlab · DynamoDB · IAC · Grafana · Integration testing · TDD · AWS CDK · Auth0

EDUCATION

Bachelor of Computer Science
Deakin University

2018 - 2020   *High Distinction Average*

Notable Units

- 100% Data Structures and Algorithms
- 99% IT Placement
- 95% Programming Paradigms
- 100% Optimisation and Constraint Programming
- 96% System Design and Prototyping

HONORS & AWARDS

2020 Master Card Australian Open Hackathon - 1st Place (02/2020 - Present)

Awarded first place with our new solution to use MasterCards digital ID to streamline the applicant process for both employer and employee in a decentralised network to eliminate honeypots of data in the employment process

Associate Dean (Research) 2019 Summer Prize (11/2019 - Present)

Award the AD(R) Summer prize in 2019 to help assist my research into the area of Multi-Agent Actor-Critic for Mixed Cooperative Environments

School of Information Technology Award - Industry Project Undergraduate (05/2021 - Present)

Awarded the Industry Project Undergraduate award for my exemplary technical innovation and leadership during the trimester in not only my capstone project but also others I assisted with

REFEREES

Available upon Request