James Dorevski

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LinkedIn

SKILLS

- **Languages**: Scala, Python, JavaScript, C++, SQL, Java   **Technologies**: AWS, Play, React, Kafka, GCE

EXPERIENCE

- **carsales**   Melbourne, Australia

  Software Engineer   *Aug 2023 – Jan 2024*

  - **Sourcing**: Sourcing is a product for car dealerships to help identify, manage, and purchase high revenue-generating stock. Worked with tech lead to architect novel component that facilitates B2B transactions between dealerships.

  Junior Software Engineer   *Jun 2022 – Aug 2023*

  - **Global Inventory**: Global Inventory is the batch ad ingestion system used by carsales, and global entities. Worked on refactoring monolith to microservice architecture, improved customer and developer UX by updating application framework, implementing self-documenting features, and introducing application performance monitoring (APM) features. Resulted in improved customer adoption, and reduced support requests on customer support team.
  - **Manifold**: Owner of greenfield project that aims to provide a standard API for client interaction with carsales' services. Worked with senior engineer to plan work items and architect system for MVP, and oversaw delivery through MVP to continual development and introduction of new features. Manifold reduced maintenance burden on the engineering team, and decreased feature delivery time through test suite automation.
  - **Time-sheet automation**: Assisted delivery lead with adoption of time-sheet software through Jira scripts that automated repetitive tasks. Improved integrations freed up time for management and developers, and reduced occurrences of inaccuracies and errors.
  - **Core Tech Talks**: Founded internal developer guild aimed to provide colleagues opportunities to share learnings, demonstrate work, practice presentation skills, and improve cross-team collaboration in a fully-remote environment. Created and managed presentations, coding workshops, and social events.

  Graduate Software Engineer   *Feb 2021 – Jun 2022*

  - **AutoGate**: AutoGate helps dealerships manage their inventory, generate leads, and be informed of market trends through market-inspection tools. Worked on bug fixes and feature requests.
  - **carsales SELECT**: carsales SELECT allows customers to directly purchase selected stock from carsales, backed by an inspection program, and refund period. Worked on implementing functionality that allows dealerships to create and manage SELECT stock.

- **FinoComp**   Wollongong, Australia

  Intern Software Engineer   *Nov 2019 - Feb 2020*

  - **Performance Benchmarking**: Improved visibility of performance issues in microservices by creating a performance benchmarking tool which enabled developers to analyse and proritise development on under-performing services. Developed core software engineering competencies and practices (scrum, testing, CI/CD).

EDUCATION

- **University of Wollongong**   Wollongong, Australia

  Bachelor of Computer Science, majoring in Software Engineering   *Feb 2018 – Dec 2020*

  - **Wollongong IT Society (WITS) Executive**: Helped organise student networking nights, social events, and Hackagong 2020

CERTIFICATIONS

- **Australian Computing Society (ACS) Accreditation**: Dec 2020
- **AWS Cloud Practictioner**: Apr 2022

PROJECTS

- **QuantSoftware Toolkit**: Open source Python library for financial data analysis and machine learning for finance.
- **GitHub Visualization**: Data visualization of Git log data using D3 to analyze project trends over time.
- **Recommendation System**: Music and movie recommender systems using collaborative filtering on public datasets.
- **Mac Setup**: Book that gives step-by-step instructions on setting up developer environment on macOS.