Aria Ventura

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SKILLS

BACKEND DEVELOPMENT | Java ● Python ● Rust ● Spring ● C# (.NET 8.0)
FRONT END DEVELOPMENT | ReactJS ● Redux ● Typescript ● Material UI ● Bootstrap ● Blueprint ● HTML ● CSS
DEVOPS | Kubernetes ● Docker ● CI/CD
SOFT SKILLS | Good Collaborator ● Fast Learner ● Bias for Action ● Team player

EXPERIENCE

LEIDOS | Java, Python, Rust, Spring, React, Typescript
Software Engineer | Feb 2023 – Present, Melbourne

- Development and maintenance for three microservices-based projects, serving **1000+** users.

- Rebuilt and optimized core logic by migrating from Java to Rust, enabling an opt-in feature that reduced execution time by **96%** (2000ms → 60ms) per action. Since its launch in November 2023, **62%** of all jobs have utilized this feature.

- Developed a team collaboration feature leveraging polling for synchronized real-time interactions.

- Modified deployment scripts to support flexible deployment order across three projects, improving deployment efficiency.

- Served as acting Scrum Master/team lead (Dec 2023 – Jan 2024), managing stand-ups, refinements, retrospectives, and client communications.

- Delivered a presentation at RMIT on the intern program, leading to 20+ student applications and the hiring of three known graduates and interns.

NUVOTION | C#, .NET 8, Avalonia UI
Software Engineer | 2024 – 6 months, Melbourne

- Developed a Microsoft Windows real-time scrutineering application to assist in Autonomous Motorsport Scrutineers before dynamic track events to log and analyze safety-critical data for the FSAE-A.

EDUCATION

ROYAL MELBOURNE INSTITIUTE OF TECHNOLOGY
Bachelors with Distinction, Software Engineering
GPA: 3.5/4

AWARDS

Nominee for the **Commitment Award** at Leidos ● 2023

COURSEWORK

Algorithms and Analysis
Computing Theory
Machine Learning
Full Stack Development
Object Oriented Software Design
Games and Artificial Intelligence
Operating Systems Principles
Internet of Things

INTERESTS

Drawing ● Fitness ● Gaming ● Reading