

# 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 INSTITUTE 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