Jack Watts

Consultant

I’m an experienced consultant having consulted in Australia and Germany for over 10 years across diverse industries and technologies.

# Key Skills

* Full-stack software development
* AWS & Azure cloud
* Machine learning
* Data engineering
* Dev & ML Ops
* Architecture & project management

# Certifications

* AWS: Machine Learning Specialty
* Microsoft: 23 Developer certifications
* Coursera: 7 Machine Learning certifications

# Education

Bachelor of Computer Science

# Experience

## 2023 Factory floor automation project

Optimizing factory operations end-to-end. From online ordering, production to shipping.

## 2022 iOS, Android & web Omni-app development project

Development of a unified workforce app across multiple platforms.

## 2021 Utilities data roadmap project

Developing a roadmap for increased data ingestion and cost overview.

## 2020 ML refinery optimization project

Optimizing refinery operations to reduce downtime and waste.

## 2019 OR vehicle routing and planning project

Ordering, scheduling & routing of a fleet of vehicles across multiple locations on the east coast of Australia.

## 2018 Pipeline flow calculation optimization project

Improving pipeline flow calculations from over an hour to less than 6 seconds.

## 2017 Education augmented reality project

Using collaborative augmented reality to improve learning outcomes in the classroom.

## 2016 Hospital admissions system project

Leading the architecture and design of an online hospital admissions system end-to-end across multiple sites.