









## CONTACT

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-  Bulli, NSW

## EDUCATION

2023  
**DIPLOMA OF INFORMATION TECHNOLOGY**  
Coder Academy, AIT  
WAM of 90.12, GPA of 6.9

2017  
**BACHELOR OF ECONOMICS & FINANCE**  
Major in Economics  
Minor in Finance  
University of Wollongong, NSW

2017  
**BACHELOR OF ARTS**  
Major in Sociology  
University of Wollongong, NSW

## TECH SKILLS

Programming Languages:  
TypeScript | JavaScript | Python |  
HTML5 | CSS3

Technologies:  
MongoDB | Express.js | React | Node.js  
Flask | Nestjs | SQL | PostgreSQL  
Tailwind CSS | React Native | AWS EC2

Tools:  
Git | VSCode | Insomnia | Postman  
Dbeaver | Figma | Trello | Docker

# James Boland

## Full Stack Developer

- I'm a dedicated and eager developer with proven experience building full-stack dynamic web applications from idea to deployment.
- I recently finished a freelance project for a local company and am currently studying for my AWS Solutions Architect Certification while doing casual work.
- Seeking to join a team that values continuous learning, and encourages professional growth and team collaboration.

## KEY PROJECTS

July 2024

### DRONE FLIGHT LOGGER: FULL STACK MOBILE APP

Technologies: TypeScript | React Native | NestJS | PostgreSQL

Live version: <https://droneflightlogger.netlify.app>

Github: <https://github.com/JRBoland/drone-api-ui>

- Full Stack mobile application with UI built in React Native (Expo) and connected to a Nestjs API backend with full CRUD and live search functionality.
- Dynamic user flow based on authentication with authorisation permissions handled using JWT. Password hashing with Bcrypt.
- Unit tests written with Jest and containerised using Docker Compose. Frontend deployed using Netlify. Backend deployed on an AWS EC2 instance running Ubuntu.

October 2023 - Current (ongoing)

### FLIIGHT TECHNOLOGIES: COMPANY WEBSITE

Technologies: React | Tailwind CSS | HTML

Live version: <https://fliight.com.au>

Github: <https://github.com/JRBoland/fliight-technologies>

- Freelance website rebuild for UAV Technology company Fliight Technologies.
- Responsive design across devices. Worked closely with a designer and within client's budget restraints. Solo developer on the project.
- Contact forms with Google reCAPTCHA and EmailJS. Deployed with Netlify

July 2023

### VAN VOYAGE: FULL STACK BOOKING WEBSITE

Technologies: MERN | Tailwind CSS | HTML

Live version: <https://van-voyage.netlify.app>

Github: <https://github.com/van-voyagers/T3A2-A-van-voyage-docs>

- Van hiring service with integrated frontend and backend.
- Features include user registration, profile management, a calendar system with availability checks, booking confirmations, and a user review system.
- Git source control, collaborating utilising feature branch workflow.
- The backend is hosted on the cloud via Render, frontend is deployed via Netlify.

February 2023

### DRONE FLIGHT LOGS: RESTFUL API WEB SERVER

Technologies: Python | Flask | PostgreSQL

Github: [https://github.com/JRBoland/JamesBoland\\_T2A2](https://github.com/JRBoland/JamesBoland_T2A2)

- Drone log API web server for capturing and storing data for drone flights.
- Utilises models of User, Drone, Pilot, and FlightLog to match tables in PostgreSQL.
- Model View Controller model, Relational Database Management systems, Object-Relational Mapping, Entity Relationship Diagrams.
- Routing requests and sanitizing data with full CRUD functionality.
- Additional technologies:
  - SQLAlchemy, JSON Web Tokens, Marshmallow, Bcrypt

December 2022

### DOG SHELTER FEED HELPER: TERMINAL APPLICATION

Python | Terminal Application

Github: <https://github.com/JRBoland/T1A3-Terminal-Application>

- Dog Shelter feeding tracker Python application with navigation menu and full CRUD functionality to manage a dog's daily fed state and monitor dietary requirements.

# KEY SKILLS

Front-end development

Responsive & Mobile First Design

Restful API Development & Integration

Agile Methodology and Workflow

Figma & Product Presentation

Version Control (Git)

Backend development

UI/UX Principles

Debugging

# SOFT SKILLS

Quick Learner

Adaptable

Creative Problem Solving

Effective Communicator

Strategy & Leadership

Team Oriented

# INTERESTS

Emerging Technology & AI

Music Production & DJing

Surfing, Martial Arts

Video Games

Health & Fitness

Cooking

References available upon request

# PREVIOUS WORK EXPERIENCE

2023 - Current  
jbdev.io | Wollongong

## FREELANCE WEB DEVELOPMENT

- Managed client's expectations regarding design, functionality, budget and timelines. Regular meetings with clients to provide updates, discuss design choices and gather feedback
- Worked closely with a web designer to redesign and rebuild a website for a local technology company (Fliight Technologies)
- WordPress web design and maintenance, organising a layout system for displaying a Real Estate agency's property information, saving the agency \$6000 in annual fees (Jindabyne Real Estate)
- Consultancy in building out the back end and assisting with the routing and API setup of a contact form (Young Actors Assembly).

2020 - 2023  
Australian Taxation Office | Superannuation Dept | Wollongong

## CLIENT ACCOUNT SERVICES - SERVICE DELIVERY OFFICER

- Managed and resolved client superannuation enquiries, ensuring alignment with government policies, relevant procedures and legislation
- Communicated superannuation obligations with employers, providing authoritative information and guidance on ensuring that correct actions were taken by their associated deadlines
- Worked closely with a team on the development of a new legislative superannuation payment procedure for employers involving developing client relations and investigative work
- Constructively participated and contributed to a team environment, involving meetings and providing feedback on processes
- Trained new staff members and acted as a point of contact for onboarding and assistance with administrative, processing, and client contact-related tasks

2020 - Current (partial)  
bondla | Wollongong

## MUSIC & AUDIO PRODUCTION

- Owner of small side business "Podcasts" selling custom podcast intros/outros
- Scored international short film "Broke!" for London Film School, 2022, as well as corporate music for used promotional content projects within CSIRO, 2020
- Music Producer with released projects on Spotify, iTunes, etc. as "bondla"
- DJ'd small events and weddings
- Communicated client's expectations and vision with regular meetings while managing ongoing feedback and various projects with competing timelines
- Have ceased promoting my services, however still taking on occasional projects

2015 - Current  
Various

## VARIOUS HOSPITALITY ROLES

**Novotel Northbeach**, *Wollongong*

- Food & Beverage Attendant
- 2015-2021

**The Yacht Week**, *Croatia*

- Event Staff
- 2018

**His Boy Elroy**, *Wollongong*

- Bartender
- 2019-2020, 2023 - current (casual)

**Yours & Owls Events**, *various*

- Bar & Event Staff
- 2017-2019

2017-2018  
Blockchain Partners | Wollongong

## DATA ANALYST/PROJECT MANAGER

- Two-month post-grad internship
- Used various economic and financial models to value digital assets in a financial market
- Traded digital assets in real-time
- Lead and presented group projects to put forward R & D findings in valuation, risk management and international implications