



# 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

December 2024

### 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 the client's budget restraints. Solo developer on the project.
- Contact forms with Google reCAPTCHA and EmailJS. Deployed with Netlify & hosted on Crazydomains with 10+ domain addresses redirects configured.

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 a modular, object-oriented architecture; 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.

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)

- Designed and implemented a RESTful API web server for drone flight data, based on user requirements.
- Developed a scalable, modular codebase using Python, Flask, and SQLAlchemy, adhering to object-oriented principles for robust database interactions.
- Applied MVC architecture, RDBMS, ORM, and ERD to ensure structured data management.
- Handled routing, data sanitation and full CRUD functionality.
- Utilised additional technologies: 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.

## CONTACT

+61 415 388 267

[jamesbolanddev@gmail.com](mailto:jamesbolanddev@gmail.com)

[linkedin.com/in/jamesrboland](https://www.linkedin.com/in/jamesrboland)

[jbdev.io](http://jbdev.io)

[github.com/JRBoland](https://github.com/JRBoland)

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

## 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

Ideation

## 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 \$1500 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.
- Worked closely with a team on the development of a new legislative superannuation payment procedure for employers involving developing client relations and investigative work.
- Communicated superannuation obligations with employers, providing authoritative information and guidance, ensuring that correct actions were taken by their associated deadlines.
- 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.