



Murray O'Brien

Full Stack Developer

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🌐 <https://www.murrayobrien.me/>

GitHub: <https://github.com/MurrayOB>

Tools



Nationality

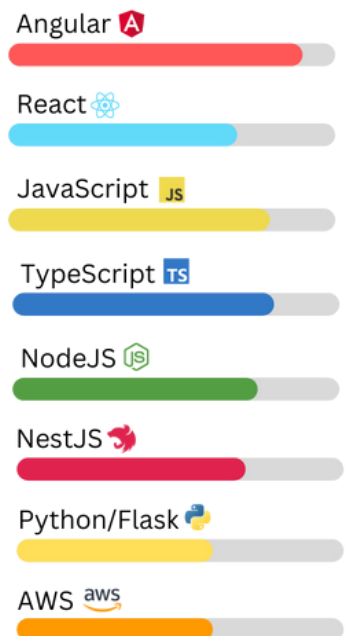


Languages



English:
Native

Technologies



About Me

- 3 years professional experience
- Bachelor's Degree
- Full Stack Engineer
- Team player and excellent communicator
- Passionate about technologies and innovations
- Love taking initiative
- Irish/ South African

Experience

↳ FULL STACK DEVELOPER AT MATOGEN — 2021 - PRESENT

Working remotely at Matogen I develop and deploy applications, APIs, platforms, while collaborating with design teams. Identify and fix bugs to increase operational efficiency. Create new features and lead new process implementation, while setting up CI/CD environments (AWS). Plan, design, and implement new features for both front-end and back-end. Improve existing usability features by utilising latest tools and technologies. Technical Scope: Angular, React, Typescript, Nest.js, Node.js, Express, Flask, AWS, SQL.

↳ FRONTEND DEVELOPER - (FREELANCE) — 2020 - 2021

BiosNutrients: Re-designed and implemented new UI of Shopify store for Bios, added interactivensess and improved visual and UX. Tech: Shopify, Html, CSS, JS. Off-grid Solutions: Designed, developed, and launched a website for construction company Off-grid Solutions with the aim of attracting customers and displaying portfolio. Tech: HTML, CSS, JS. Designed, developed, and launched a website for a company and collected 5K+ emails for email marketing list by building and executing a requested tool. Tech: Angular, Node.js, Firebase.

↳ ENTRY FULL STACK DEVELOPER - COLCAB (PTY) LTD - 2020 - 2021

As part of my Bachelor's degree coursework we had to find a real client who needed software built to build and represent a project. Over a 3 month period myself and two other developers built and completed an in-house application for monitoring and reporting fridge units for ColCab. Tech: Firebase, Flutter, NodeJS

Education

BACHELOR OF SCIENCE (BSC) - (2018 - 2021) in Information Technology – Pearson Institute of Higher Education, Cape Town
Coursework: Data Structures, Algorithms, Development Methodologies



Awards

2nd Place Winner– Courier hackathon at Devpost (2022).

Technical Proficiencies

FRONTEND:	Angular, React, SCSS, JavaScript, TypeScript
BACKEND:	Nest.js, Express, Node.js, Flask / Python
DEVOPS:	Domains & Servers, AWS Services (EBS, S3, Cloudfront), C-panel

Key Projects

Wilbur Ellis (2023 - 2024) - Full Stack Engineer. UI, API, DB changes, fixing production bugs.

CypherFuel (LYNX Telematics) (2022 - 2023) - Built new UI and backend features to track fuel consumption for multiple fleets of vehicles. Stack: Angular, ExpressJS, Firebase

Entersekt (2022) - Worked directly with the client to build an in house solution to manage their existing banking products. Fixed bugs, updated UI, and implemented new features/forms and sections based off designs provided by designers. Stack: Angular, Material, NestJS

BluNova/POPIA (2022) - Designed project architecture and built majority of the frontend for the application that connected to an external API. Tech: Angular, Material, NestJS.

GEMS Sensing/ UMN (University of Minnesota) (2021 - 2022) - Created frontend features that interacted with large data and implemented features, such as user roles, authentication, and re-designed the architecture for the backend in the Flask application. Also implemented security features. Stack: React, MUI, Flask, Python.

MrPhy (2021) - Converted desktop site into a mobile-compatible / responsive site; created separate features for mobile use only. Stack: Angular, Material.

Riskflow (2021 - 2023) - Developed API features and some frontend tasks, while migrating the database to different DBMS. Stack: Angular, NestJS, MSSQL.

Courier (hackathon) (2nd place) (2022) - Built an application that sends the subscribers a random word every day, description, and translation in any language. Google API, ExpressJS, Firebase, Angular, Tailwind. Heroku.

Algorithms (2022) - Designed web application for demonstrating research on algorithms, such as Breadth and Depth First Search algorithm. <https://www.ds-app.murrayobrien.me>. Tech: Vue.js

Angular CRUD App (2021) - Created a web app for demonstrating the basic CRUD actions. <https://murrayobrien.github.io/angular-app>. Tech: Angular.

