



# PATRICK OLIVER

CTO

## / ABOUT ME

I am a CTO and Full-Stack Developer with a strong background in web development, data engineering, and team leadership. My expertise lies in Python, TypeScript, and JavaScript.

I excel in fast-paced, startup environments, or as part of a small, agile tech team within a larger organisation. I am dedicated to developing innovative, lightweight, and scalable solutions that cater to changing user requirements. I am passionate about leveraging technology to create positive social impact and building accessible, user-centric solutions.

## / SKILLS

- > Full-Stack Dev: Skilled in Python, TypeScript, JavaScript, creating responsive web apps.
- > DevOps: Proficient in React, AWS, Django, Git, Docker for seamless web app CI/CD.
- > Agile Practices: Experienced in Scrum & Kanban, ensuring code quality, security, and timely project delivery.
- > Team Lead: Demonstrated success in guiding dev teams, promoting communication and collaboration.
- > Problem Solving: Analytical mindset, focusing on innovative solutions for complex challenges.
- > Stakeholder Management: Adept at handling stakeholders, gathering requirements, and delivering user-focused solutions.

## / CONTACT

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## / WORK EXPERIENCE

### >> Chief Technology Officer

IdeaAtlas | Nov 2022 - Current

- > Leading a tech startup focused on networked innovation
- > Spearheading strategic decisions related to product development, infrastructure, solution architecture, and digital strategy.
- > Collaborating with cross-functional teams to ensure alignment of technical and business objectives.
- > Mentoring and guiding the technical teams to foster a culture of continuous improvement and innovation.
- > Engaging with investors to foster positive relationships and growth opportunities.

### >> Software Developer

Immunocore | Jun 2022 - Nov 2022

- > Built an MVP for an in-house Tissue Tracking Database from the ground up using Django & React, liaising with stakeholders to determine system design requirements.
- > Worked closely with team members to continue developing the in-house Cell Tracking Database, setting up a frontend testing environment with Jest and React Testing Library.
- > Provided ongoing maintenance support and implemented enhancements to improve system performance and user experience.
- > Mentored and onboarded new team members, helping them assimilate into the team environment and address technical challenges.
- > Co-Founded and participated in a company-wide "Code Club" initiative to upskill colleagues and foster a culture of continuous learning.

### >> Associate Software Developer

Immunocore | Jan 2021 - Jun 2022

- > Collaborated with a team of 3 to build an in-house Cell Tracking Database, effectively organizing user data and modernizing legacy systems.
- > Managed the overhaul of 10+ years of legacy data, seamlessly integrating it into the new database structure.
- > Applied analytical problem-solving skills to enhance data engineering pipelines, improving efficiency and reliability.
- > Streamlined RNASeq processing, resulting in a 10% reduction in processing time and increased productivity.

## / EDUCATION

### >> Makers Academy

Software Development | Feb 2020 - May 2020

A 12-week intensive course at Europe's most selective Software Bootcamp.

### >> Coventry University

Bsc (Hons) Combined Engineering (2:1) | 2015 - 2018

Multidisciplinary - Mechanical & Electrical Engineering