

SKILLS

Frontend: Javascript, Typescript, HTML, CSS, Vue, React, Vite, PWA

Backend: Python, Django, Flask, PostgreSQL, RESTful

Other tech: Linux, Git, Docker, Bash, CI, SysAdmin, DevOps

Project & Product: Cross-functional leadership, agile, roadmapping, product life-cycle, resourcing

Business & Strategy: Team management, development & resourcing, Innovate UK management, consortium leadership, bid writing, startup fundraising

WORK

Ostara Technologies

Head of Software & SLT

2024 - 2026

- Created PWA for modular hardware control and data analysis to modernise polytunnels & greenhouses
- Helped company creation & fundraising
- Led operations, people, project & product management
- Project lead on Innovate UK consortium grant

LettUs Grow

Lead Frontend Developer & Project Manager

2020 - 2024

- Further development of web app (below) as lead frontend developer
- Project management
- Team management, progression & wellbeing

Fullstack Developer

2018 - 2020

- Created Vue/Django web app for crop management, hardware control and data reporting for turnkey aeroponic vertical farm startup

Zynstra (NCR)

Junior Developer

2016-2018

- Fullstack for hybrid on-cloud / on-premise VM management (React & Flask)
- DevOps (Bash, Python, Xen, Jenkins & Powershell)

IBM

Industrial placement

2014-2015

- Internal tooling interfacing legacy IBM database infrastructure with modern version control (Java)

EDUCATION

Loughborough University

2012-2016

BSc Computer Science

First class

Hills Road Sixth Form College

2008-2010

Computing, Modern history, Philosophy, GCSE Japanese

BBBB

St Bede's Comprehensive

2003-2008

GCSEs

2 A*, 5 A, 3 B, 1 C

INTERESTS

- **Hobbies** - DJing & music production, photography, DIY, volunteer radio
- **Sports** - Cycling, swimming, hiking, squash