

Joshua Banga

josh@folient.com | LinkedIn.com/in/joshua-banga | Github.com/lavis0 | (+44) 7888639765

Personal Profile

Software engineer and co-founder of Syncade, a legal tech solution built with Next.js, Docker, and Python, utilising the Matrix protocol. Brings international experience with a proven ability to collaborate effectively in diverse, cross-functional teams. A collaborative and strong team player focused on building scalable, secure, and user-focused applications.

Experience

Co-founder, Syncade – Birmingham, England Jun 2025 - Present

- Architected and developed a full-stack SaaS solution that automatically converts WhatsApp client communications into secure email archives for law firms
- Deployed Synapse server with Docker containerisation, architecting real-time message processing pipeline using Matrix protocol, Next.js frontend, and PostgreSQL database
- Designed intuitive dashboard interface with real-time message synchronization, implementing end-to-end encryption, GDPR compliance controls, and user-centered workflows that prioritise legal professional needs while maintaining attorney-client privilege protection
- Coordinated the live beta release, translating user feedback into prioritised feature enhancements and bug fixes to improve product stability and market fit

Team Leader, Myer – Sydney, Australia Sep 2022 - Jul 2023

- Cut customer wait times by 33% with a zero-budget redesign of fulfilment operations
- Led and mentored a team of 6, successfully preparing 2 members for promotion to leadership

Data Analyst, Fleet Logistics UK – Birmingham, England Jan 2021 – Mar 2021

- Automated data analysis workflows using Python (Pandas, NumPy, Matplotlib) for optimisation over Excel, increasing productivity 3x from 1 report/day to 3 reports/day
- Built CO2 emissions analytics platform processing fleet data from 50+ companies and 10,000+ vehicles, delivering predictive insights that directly informed Account Manager strategy
- Maintained GDPR compliance for cross-border data transfers, including specific German data protection requirements (BDSG) ensuring regulatory adherence

Technology Intern, IBM – Birmingham, England Jun 2020 – Jun 2020

- Led 5-person team through technology consulting challenge, coordinating remote collaboration and delivering sustainability-focused recommendations to IBM representatives

Junior Data Analyst, Fleet Logistics UK – Birmingham, England Feb 2019 – Jun 2019

- Developed standardised data processing frameworks using Excel VBA and Python, systematically handling recurring anomalies and improving model accuracy
- Produced 100+ quarterly business reviews across 20+ clients, supporting Account Manager presentations with advanced Excel functions and PowerBI data visualisations

Research Intern, Rolls-Royce – Birmingham, England Oct 2016 – May 2017

- Analysed fuel valve failure mechanisms using SolidWorks CAD modelling and Newtonian modelling, proposing conical redesign solution that enhanced structural integrity
- Collaborated with cross-functional engineering team to present findings at conference, earning Gold CREST Award recognition

Education

University of Birmingham – BSc Natural Science (majoring Computer Science) Aug 2024

Relevant Coursework: Programming in Java, Security and Networks, Systems Programming in C/C++

University of Technology, Sydney – BSc Year Abroad Jun 2023

Relevant Coursework: Cloud Computing Infrastructure, Natural Language Processing

Skills

Programming Languages: C++ (unit testing with GTest), C, Python, JavaScript, Go, SQL

Technologies: Git, AWS (EC2, S3, IAM), Docker, CI/CD Pipelines