

ISAAC BOWYER

☎ Sheffield ✉ isaacbowyer@googlemail.com

> [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

Problem-solving Collaboration Attention to detail Communication

Proactive and adaptable Fullstack Software Engineer with over 3 years of experience building scalable, cloud-based applications across web and mobile. Strong communicator and team player who thrives in Agile environments, blending frontend design with backend logic to deliver impactful user experiences. Demonstrated success across AI-powered SaaS platforms, automation tools, and UI/UX design. Passionate about continuous learning and adopting new technologies to stay ahead in the evolving technology landscape.

TECHNICAL SKILLS

Frontend: JavaScript (ES6+), TypeScript, React, React Native, Next.js, Redux, React Query, Stripe, TailwindCSS, Gluestack UI, Chakra UI, Wordpress

Backend: Node.js, Python, Django

Databases: PostgreSQL, MySQL, Firebase (Auth, Firestore)

Testing: Jest, Vitest, Cypress

AI & Integrations: LangChain, OpenAI (GPT-4)

Tools & DevOps: Git, Docker, CI/CD, AWS, Azure, Vercel, Expo, Figma

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER

2024 - 2025

Guildhawk

- Developed frontend features across three integrated SaaS applications using TypeScript, Next.js, Redux, and Chakra UI.
- Key contributor to GAI Translate, an award winning AI-driven translation tool that became a strategic revenue generator.
- Integrated Stripe APIs for automated billing, increasing recurring revenue by 15%.
- Delivered backend functionality using Django and ensured integration with CI/CD pipelines for seamless deployment.
- Collaborated on AI-based workflow automation tools using LangChain and OpenAI LLMs, reducing manual linguist review time.
- Contributed to the company's rebranding by redesigning interface components.
- Championed clean code practices, peer-reviewed pull requests, and promoted principles like SOLID, KISS, and YAGNI.

JUNIOR SOFTWARE ENGINEER

2023 - 2024

ELAROS

- Extended a university project into a part-time role while studying, demonstrating commitment and time management.
- Led UI redesign for the C19-YRS Covid recovery platform using Figma, enhancing visual clarity and accessibility.
- Built React Native features with Gluestack UI to streamline user journeys—cutting steps by 50% and boosting engagement by 25%.
- Developed Firebase backend workflows to support secure data handling and platform responsiveness.

PLACEMENT SOFTWARE ENGINEER

2022 - 2023

Guildhawk

- Engineered a cloud-based CRM/ERP system using TypeScript, Next.js, TailwindCSS, and Django—designed to reduce PM workload by up to 60%.
- Built and maintained a library of over 250 reusable UI components based on atomic design principles.
- Authored 80+ automated E2E tests and led internal Cypress workshops to upskill the engineering team.

EDUCATION

BSc Computer Science (First Class Honours)

2020 - 2024

Sheffield Hallam University

- Final-year modules: Functional Programming, AI & Machine Learning, Robotics, Software Architecture & Design.
- Dissertation: Developed an OH mobile app for Long-Covid recovery in collaboration with ELAROS. Praised by the client for design and functionality.

LEADERSHIP & VOLUNTEERING

Student Mentor (2023 – 2024)

- Supported a group of first-year Computer Science students with coding, coursework, and time management.
- All mentees reported improved confidence and satisfaction through peer learning.

Course Representative (2022 – 2023)

- Represented 100+ students in department meetings. Provided constructive feedback that led to improved assessments and module structure.

Software Society Member (2020 – 2024)

- Participated in HackSheffield, solving real-world problems collaboratively under time pressure.

References available upon request