Callum Gander

London, UK | +44 7389106762 | callumgander@protonmail.com
github.com/callum-gander | callumgander.dev

PROFESSIONAL SUMMARY

Pragmatic, organized, and motivated Full-Stack Engineer with two years of experience. Adept at rapidly adapting and acquiring new skills or knowledge to complete any given task. Currently focused on developing my skills and building complex applications like SherpaPath in my free time that expand the limitations of current software.

WORK EXPERIENCE

Software Engineer, Ino Creative   Sep 2021 – Feb 2023

- Built the Ino Creative website that provides a substantially simpler and quicker way to place orders for 3D Prints and Castings and manage those orders than other existing Jewellery websites. This allowed more revenue to be generated as well as giving Ino Creative an edge on the competition while improving the customer experience and improving efficiency by reducing time staff have to use manually taking orders.
- Constructed a system for non-technical employees to handle offline and online customer orders. This allows employees to use Trello labels on cards to enable a complex series of integrations with Zapier that allows employees to rapidly assign and update orders, calculate costs, and send invoices when complete.
- Collaborated with our designer and CEO to troubleshoot UI/UX design issues to ensure the best customer experience
- Technologies: TypeScript, Next.js, Node.js, Tailwind CSS, tRPC, Prisma, PostgreSQL, Zapier, React Query, as well as Strapi in early development.

Web Developer, Freelance   Sep 2020 – Sep 2021

- Designed and programmed two websites for clients, a portfolio and an enterprise company's frontend. The portfolio, for the owner of Ino Creative, led to me being hired by them in Sep 2021.
- Technologies: Primarily used JavaScript, React, Node.js, Next, Tailwind CSS, Express and PostgreSQL, but also touched MySQL, Koa, Emotion, and Strapi

SKILLS

Programming Languages: JavaScript (Expert), TypeScript (Fluent), Python (Fluent)
Technologies: Next.js, Node.js, React, tRPC, Zod, Tailwind CSS, Prisma, PostgreSQL, TanStack Query, MySQL, FastAPI, Tauri, React Native, Github Actions, Git, Docker, Strapi, Express, Cypress, Jest, Zustand, LangChain, Zapier
Platforms: Vercel, DigitalOcean, GCP, Railway, Firebase

EDUCATION

MSc, Computer Science, University of Nottingham   Sep 2020 – Sep 2021
- Distinction
BA, Modern History, Oxford Brookes University   Sep 2015 – Sep 2018
- First-Class Honours

PROJECTS

SherpaPath (https://sherpapath.app)   Sep 2022 - Present
- A web app that allows users to describe their goals, habits, and motivations to generate personalised, contextual reminders to keep them on track with their own goals and habits. Built with Next, Tailwind CSS, TypeScript, Prisma, GPT-3.5 and more. This is an ongoing project.
Mad Alchemist (https://mad-alchemist.vercel.app/)   Aug 2022 - Jan 2023
- An web app I made to play around with the strange powers of LLMs to grab and combine ideas from latent space to form novel science experiments. Built using Next, Tailwind CSS, TypeScript, Prisma, and GPT-3.5