

TRISTAN PLET

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EDUCATION

The University of Nottingham: Mechanical Engineering Master's (MEng) - Upper second-class

2014 – 2018

WORK EXPERIENCE

Software Engineer - Full-stack

Octopus Electric Vehicles

2021 - 2024

- o As one of the first developers in a fast-growing startup, I played a key role in establishing a solid foundation for the company's digital products to keep up with the demands of a team which grew four-fold in under 2 years.
- o Built several Next Js applications from the ground up, becoming proficient with product planning and development.
- o Set up and maintained an expansive UI component library using Storybook, becoming proficient with React, and Styled Component whilst prioritising performance and accessibility.
- o Experienced in translating Figma designs into high-quality responsive user interfaces
- o Led the implementation of Sanity CMS, designing complex schemas for multiple teams.
- o Oversaw several key features' lifecycles, including design workshops, developing, managing the release and presenting to shareholders.
- o Experienced in using Asana to efficiently manage and track project progress, prioritise backlog items, facilitate sprint planning, and foster team collaboration
- o Wrote APIs in Python using Flask, SQLAlchemy and GraphQL to query internal databases and third parties.
- o Ran retrospective meetings ensuring effective communication, identifying areas of improvement, and implementing changes to improve team performance and product quality.

Technology Consultant

IBM

2019 - 2021

- o Advised on cloud migration strategies, which included supporting architects on multiple client engagements.
- o Worked as a DevOps engineer building prototypes on Red Hat OpenShift to demonstrate DevOps best practices. Used GitHub, Terraform, Kubernetes, Docker and Tekton on AWS and IBM Cloud.
- o Built reusable React components for e-commerce, using Styled Components and Storybook.
- o Automated business processes by building Slack applications with Node JS.
- o Built prototypes demonstrating IBM Cloud's AI and ML tools to clients, using Design Thinking and Agile methodology as a team.
- o Completed IBM's industry-leading Global Sales School program, growing my strategic thinking, consultative selling and communication skills.

Co-Founder

Proper Mugs

2020 - 2021

- o Launched a speciality coffee business, which involved learning to roast coffee, building a strong brand, and growing and retaining subscribers through engaging content creation whilst promoting ethical practices in the industry.
- o Acquired deep industry knowledge through independent research to deliver a high-quality product.

- o Gained an in-depth understanding of the retail energy sector and learned to work under the pressure in the UK's fastest-growing tech start-up.
- o Used CRM and Customer Information System tools, whilst managing relationships with third-party engineers and suppliers, to consistently deliver excellent customer experiences.
- o Worked with the product team to improve internal tools, subsequently improving staff productivity through UI updates.

- o Individually investigated and reported on operational deficiencies in a research lab.
- o Proposed and implemented digital solutions to track the progress of projects and manage inventory.
- o Assisted engineering consultants on several international projects, participating in research and maintaining specialised equipment.

OTHER ACHIEVEMENTS

Side projects (present): Currently developing a chatGPT-powered chatbot accessible through WhatsApp to learn languages.

Online clothing business (2018-19): Individually designed and manufactured clothing, successfully building a significant customer base internationally. Became proficient with Adobe Create Suite through creating designs.

Enactus social enterprise project (2018): Designed an electricity-generating device using cooking heat as a university project to combat the African electricity crisis, securing £3,500 in funding.

Business enterprise competition (2016): Designed an injection-moulded phone charger protector with which we successfully qualified to enter a competition.

SKILLS AND INTERESTS

Languages: French (native) - English (native) - Spanish (conversational) - Italian (basic).

Personal interests: Tennis, languages, entrepreneurship, food

References available on request