Emma Baldachin

Seeking a challenging project that I can really sink my teeth into. Culture is everything: I want to be surrounded by individuals who are ambitious to the verge of madness, quick to reflect and acknowledge areas of improvement without ego, open to trying new things and are technically excellent. I want to be part of an organisation with strong and established values and a vision that is clear and ambitious.

Having worked closely with all areas of a product team, including design, brand and QA, I have a good sense of the bigger picture for the product development cycle. From this experience I also know how to improve ways of working within cross functional teams. I pick up new tech and new concepts quickly and confidently- my background in Physics means I'm relatively unintimidated by complex unknowns. Having built my own team, I know how to get the best out of people and am excited to bring my flavour to a new group of people to accelerate working hard and having fun doing it.

✉ **Email:** emmabaldachin@gmail.com

Phone: +447972200771

Relevant Experience

Feb 2020- Current

Kubrick Group: Full-Stack Engineer/ Engineering Manager

Tech Stack: Nuxt/Vue, Next/React, HTML, SCSS, Storybook, AWS (listed), Python, SQL, noSQL (dynamoDB and MongoDB), serverless, Kubernetes, Terraform, graphQL, Jest, Postman, Azure DevOps

Built a large-scale web application and Learning Management System from scratch. Worked on the entire E2E product life cycle including: the high level strategy, roadmap and budget. I started in a purely technical role but naturally transitioned to building and managing the team and product.

- Responsible for the recruitment of the product team, created a healthy and happy work culture, with transparent communication, reflection, trust, collaboration and mutual respect.
- Implemented and managed the development life cycle from scratch, experimenting with both Scrum and Kanban frameworks.
- Designed high level architecture of the application: the Front End application structure, API interaction and CDN implementation
- Designed and built Microservices, using Serverless, AWS Lambda, API Gateway, DynamoDB or Postgres and integrated them into the FE.
- Built graphQL queries and mutations in python using Graphene in a fastAPI server hosted on AWS EC2
- Built UI components from design and added and documented them in the UI library (Storybook)
- Responsible for mentoring and developing the engineers, reviewing code, writing tickets and prioritising work.

Nov 2018 - Feb 2020

Kubrick Group: Data Engineer

Tech Stack: R, R Shiny, SQL, NLP (Text Classification & Sentiment Analysis)

- Formally trained in a wide range of softwares and technical skills, including and not limited to: Databases (SQL & noSQL), schema design, GDPR, ETL, Machine learning.
- Designed, developed and maintained multiple RShiny dashboards
- Managed Stakeholder relationships and gathered requirements for data analytics
- Responsible for the entire ETL process
- Carried out both exploratory analysis on qualitative data (i.e sentiment analysis on free text data) as well as specified research on quantitive data (i.e A/B testing)

Education

2014- 2018

University of Manchester: 1st Class MPHYS: Physics with Philosophy

The combination of studying both Physics and Philosophy was practise in abstract problem solving from two different paradigms. To solve such problems requires a level-headed approach, perseverance, a focus on evidence, and, particularly with the philosophy, reasoning conflicting points of view. These skills inform my daily approach to both complex business and technical challenges.

Tech Level

- Node.js/Typescript
- HTML/CSS/SCSS
- Vue.js & Nuxt.js
- React.js & Next.js
- GraphQL
- Python
- SQL
- Lambda (AWS)
- IAM (AWS)
- API Gateway (AWS)
- S3 (AWS)
- Cloudfront (AWS)
- ECS/EKS (AWS)
- Kubernetes
- Azure Pipelines
- Terraform
- Serverless
- Docker
- NoSQL (document)
- Webscraping
- R
- RShiny
- NLP

Other Skills & Software

Microservice Architecture, Machine Learning, Tensorflow, Tableau, Alteryx, Databricks, Snowflake, Tigergraph, Scrum, Kanban, Figma, Storybook, Zeplin