

# Kat Mountford

Junior Full Stack Engineer



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Based in Melbourne, VIC

Hey I'm Kat, a Junior Full Stack Software Engineer that's career transitioned from Product Management.

Having completed an accredited bootcamp resulting in a Diploma of IT, I've gained experience across both computer science fundamentals and modern full stack development.

I'm passionate about making an impact, and I believe that through technology we have the power to make a significant difference in the world. I'm looking to join a team with aligned values where I can continue to learn and grow as an engineer and make a positive impact through my code.

## Highlighted Project

### Sproutly

FEB - MAR 2024

**Tech Stack:** MongoDB, Express.js, React, Node.js, Bulma, CSS

- Planned, architected, developed and deployed a full stack MERN **SPA** over the course of 3 weeks
- Developed **RESTful** API's using Express.js with full **CRUD** functionality, allowing users to create, view, edit and delete their forum posts and comments
- Implemented authorisation using **JWT** token encryption, with bespoke functionality based on the users authentication status
- Implemented user **image uploading** through integration with **cloudinary**, a third-party image hosting platform.

## Experience

### **Posi**

MAR 2024 - APR 2024

#### **Software Engineer Intern**

- Worked alongside a senior engineer as they launched a side-project of theirs for a period of 4 weeks part-time.
- Designed and implemented the user onboarding workflow using **Typescript** and **React**
- Added styling for user reports using **Bulma** and **BEM**
- Took initiative to resolve various UI bug fixes on the existing code base

### **Talk to Maple**

JAN 2023 - JUN 2023

#### **Co-Founder**

- Launched a mobile application using **Flutterflow** (frontend) and **Xano** (backend), gaining over 200 user downloads from the apple and android app stores.
- Integrated with **openAI's** chatGPT Turbo 3.5 **API**, including **prompt engineering** to ensure an excellent user experience.
- Implemented **Firebase** authentication, including login with Google.
- Completed a user Migration from Xano to **Firestore** for improved data safety.

# Technical Skills

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**Languages:** Javascript /  
Typescript, Python, SQL

**Backend:** Node.js, Express.js,  
MongoDB, Flask, PostgreSQL

**Frontend:** React, Next.js, HTML,  
CSS, Tailwind, Bulma

# Education

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2024

**Diploma of  
Information Technology**  
Coder Academy, HD Grades

2021

**UX / UI Design Bootcamp**  
Academy XI

2019

**Certified Scrum Master**  
Scrum Alliance

## Culture Amp

JUL 2022 - JAN 2023

### Product Manager

- Identified key opportunities and defined a product roadmap focussed on user retention, utilising customer interviews, internal feedback, product usage and revenue churn risk as key inputs to guide the direction.
- Gained buy-in from multiple stakeholders through clear articulation of customer problems and the 'why' behind product decisions.

## Surreal

AUG 2021 - JUL 2022

### Product Manager

- Secured an additional \$750,000 in VC funding through the creation and presentation of the company's international product strategy and vision to investors.
- Took Surreal's new product from inception to launch into their first international market (UK)
- Implemented an analytics stack of Amplitude, Fullstory, Google Analytics and Metabase to track and understand user behaviours and improve UX workflows.

## Henry Schein One

JAN 2017 - JUL 2021

### Product Manager

- Uplifted NPS by 30 points and doubled user growth over a 12 month period through curation and execution of a high impact product roadmap.
- Spearheaded the launch of Dentally (an acquired UK product) into the Australian market through defining and scoping market entry requirements.

### Senior Technical Support

- Handled all 2nd and 3rd level technical escalations including server migrations, managing system outages and writing, testing and running custom **SQL** scripts
- Provided excellent customer service and maintained a 99.9% customer satisfaction score.