Sean Jaeger

SOFTWARE ENGINEER

Software Engineer with 5 years of experience specializing in early-stage, product-focused startups

TECHNICAL SKILLS

Strong

Data Structures & Algorithms
System Design & AWS
JavaScript & TypeScript
Python
Go
React JS / Next.js / React Native with Hooks, Redux & Context
CI/CD & Containers
Figma

Competent

DevOps / Docker
Ubuntu
Django / Django Rest Framework
Node.js
Serverless architecture

EDUCATION

SIR HENRY FLOYD GRAMMAR SCHOOL
2017 - 2019
A Level grades achieved:

Maths	A*
Further Maths	B
Economics	B

EXPERIENCE

Recirculate Systems
August 2023 -

- Created a real-time application using Go, Next.js, Tailwind CSS, and WebSockets enabling instant user engagement with payment providers. This was then stress tested, working well with 10,000+ concurrent connections.
- Built comprehensive CI/CD pipelines for all projects with automated testing and deployment
- Managed all AWS deployments and infrastructure
- Integrated payment providers for secure transaction processing
- Set up logging systems with automated log rotation
- Wrote documentation and actively onboarded customers
- Supervised sprints as scrum master

Ancoris
September 2022 - April 2023

- Maintained and scaled a React platform managing Rentokil's entire UK IoT device fleet (10,000+ pest control units), enabling real-time monitoring for 200+ field technicians
- Improved test coverage from 62% to 81% across enterprise platform, achieving 90%+ coverage on critical paths
- Conducted code reviews and established scalability patterns that supported growth in device fleet over my tenure
- Resolved production bugs and partnered with QA team to establish regression testing practices, improving overall platform stability

Computer Science Studies (Non professional)
October 2021 - August 2022

- Self-taught Computer Science, focusing on Data Structures, Algorithms (Ranked in the Top 3% on LeetCode) & Systems Design
- Demonstrated exceptional performance by achieving a top 0.8% placement in a competition of 20,000 competitors.
- Implemented advanced algorithms and tackled computing challenges from scratch within a timed setting using Python

ROYAL LATIN
GRAMMAR SCHOOL
2012 - 2017

GCSE grades achieved:

Mathematics	*9*
English	*6*
Physics	*A*
Business studies	*A*
Computing	*A*
Philosophy	*A*
German	*A*
Biology	*B*
Chemistry	*B*
History	*B*

MY LINKS

Portfolio 🔗

GitHub 🔗

LinkedIn 🔗

LeetCode 🔗

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Kimo
June 2021 - September 2021 (4 month contract)
- Built Expo React Native MVP that directly secured €3M funding round, gaining 120K+ early adopters
- Stepped up as de facto CTO after senior departure, architecting v2 transformation based on user data and stakeholder interviews
- Delivered investor demo prototype in 6-week sprint that became cornerstone of successful Series A pitch deck
- Analyzed user behavior metrics and conducted customer interviews, pivoting features that increased retention
- Mentored team of 3 engineers while maintaining aggressive delivery timeline for funding milestones
- Partnered directly with founder on technical due diligence and presenting architecture decisions to VCs during funding

DataZoo
December 2020 - May 2021 (Six month contract)
- Created DataZoo's data analysis UI with Figma, continuously collaborating with the CEO and CTO
- Implemented various JupyterLab-based UI views, tailored for timeseries data analysis
- Sanitized & prepared Plotly and Pandas DataFrames to generate dynamic, interactive graph views for in-depth big data analysis

Human Lambdas
November 2019 - November 2020

- Collaborated with a team of developers to develop the TypeScript React web app for the company's distributed data labeling platform
- Created multiple endpoints for the Django backend including designing the database models
- Joined the startup as a founding team member, witnessing the entire product development process from the beginning
- Engaged in code reviews, working closely with the product manager and senior team members
- Refactored critical portions of the codebase during product iterations, including a complete overhaul of the front end
- Took part in company-wide discussions covering product design, implementation, and overall company strategy
- Received regular mentorship in software engineering and UI/UX best practices from the three other team members