

Sean Jaeger

SOFTWARE ENGINEER

A seasoned software engineer with four years of experience in early-stage product-focused start-ups, proficient in full stack development.

TECHNICAL SKILLS

Strong

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

Competent

DevOps / CI/CD / Docker
Ubuntu
Django / Django Rest
Framework
Node.js
Serverless architecture
Jest / Cypress

EDUCATION

**SIR HENRY FLOYD
GRAMMAR SCHOOL
2017 - 2019**

A Level grades achieved:

Maths	A*
Further Maths	B
Economics	B

EXPERIENCE

STEALTH START UP

AUGUST 2023 -

- Introduced and executed software engineering protocols covering engineering communication, code review, and recruitment processes
- Created an extensive application enabling instant user engagement using Go, Next JS, Tailwind CSS, and Websockets
- Supervised sprints as a scrum master, ensuring ongoing project completion
- Incorporated CI/CD pipelines for various projects, integrating automated testing, building, and deployment

ANCORIS

SEPTEMBER 2022 - APRIL 2023

- Collaborated within a web development agency on constructing a React App for managing IOT devices
- Created test-driven code utilizing Cypress & Jest, merged into an automated Jenkins pipeline for ongoing testing
- Participated in Agile sprint planning meetings and assisted in setting project schedules
- Worked closely with the design team to refine user experience with iterative feedback and enhancements
- Conducted routine code reviews to ensure engineering standards were met and code quality was upheld

COMPUTER SCIENCE STUDIES (NON PROFESSIONAL)

OCTOBER 2021 - AUGUST 2022

- Self-taught Computer Science, focusing on Data Structures & Algorithms (Ranked in the Top 4% on LeetCode), Systems Design, and Front End technologies
- Engaged in competitive programming contests to enhance algorithm proficiency.
- Demonstrated exceptional performance by achieving a top 0.8% placement in a recent competition of 20,000 competitors.
- Proficiently used Python, including the standard library, to implement advanced algorithms and tackle computing challenges from scratch within a timed setting.

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 

Competitive programming 

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KIMO

JUNE 2021 - SEPTEMBER 2021 (4 MONTH CONTRACT)

- Created Kimo's Expo React Native app tailored for AI-curated online learning
- Led the app's transformation from version 1 to 2, collaborating with a team to rewrite a majority of the codebase
- Guided and supported three Junior Engineers through daily code reviews and mentorship
- Orchestrated the app's release on the Google Play Store, managing the review process and guaranteeing legal adherence
- Contributed to the recruitment process by participating in interviews and aiding in the onboarding of mobile app developers
- Worked closely with the design team to offer practical feedback on design choices for implementation

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 following the MVVM pattern to improve data visualization
- Employed Plotly and Pandas DataFrames to generate dynamic, interactive graph views for in-depth big data analysis

HUMAN LAMBDA

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
- Played a key role in significant refactoring efforts during product iterations, including a complete overhaul of the frontend
- 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