Tony Smith

Front-end Engineer

⊙ Gloucester, UK

@ tonysmith.butter@gmail.com

Experienced Front-end Engineer skilled in creating user-focused applications and integrating machine learning models. Proficient in modern JavaScript frameworks with a strong interest in Generative AI and privacy technologies. Effective in distributed teams, contributing to open-source projects, and solving problems creatively.

Skills

Front-end Development
JavaScript, TypeScript, HTML, CSS

Machine Learning
Generative AI, Natural Language Processing

Frameworks & Libraries
React, Redux, TensorFlow, PyTorch

Testing & Debugging
Jest, Cypress

Tools & Platforms
AWS, Docker, Webpack

UX/UI Design
Figma

Education

University of Manchester
Bachelor of Science

2013 – 2017
Computer Science

Certifications

AWS

Experience

Deepset   2022 – Present
Senior Front-end Engineer   Berlin, Germany(Remote)

- Implemented Generative AI-driven features into the front-end, including content suggestion modules and real-time interactive elements, increasing user engagement by 25%.
- Led the redesign of the user interface, focusing on accessibility and responsive design principles, improving overall user experience and increasing user retention by 30%.
- Refactored and optimized legacy code, reducing page load times by 20%.
- Collaborated with back-end developers and data scientists to integrate front-end applications with AI models and APIs, facilitating faster deployment of new features.
- Mentored junior developers and conducted regular code reviews, establishing best practices for code quality and maintainability.

Snorkel AI   2020 – 2022
Front-end Engineer   Stanford, California, USA (Remote)

- Developed and maintained interactive front-end components using React and Redux, enhancing the user experience for NLP applications.
- Created data visualization dashboards to display AI model metrics, improving client understanding and decision-making.
- Worked on enhancing the usability and accessibility of the user interface, resulting in a 40% increase in user satisfaction scores.
- Implemented automated testing frameworks (Jest, Cypress) to ensure code quality and reliability.
- Provided technical support and training for over 30 clients, improving the adoption of Snorkel AI's products.

Cortexica   2017 – 2020
Junior Front-end Developer   London, UK

- Collaborated with 3 engineering and design teams to integrate external APIs into web pages and applications for small businesses.
- Participated in code reviews, debugging sessions, and continuous integration/deployment processes using GitHub.
- Wrote 80+ unit tests to verify the functionality of user interfaces, backend processing, connectivity, and relational database interactions.
- Developed and maintained 6+ responsive web applications using HTML, CSS, and JavaScript.
- Assisted in optimizing website performance by identifying and fixing bottlenecks, resulting in a 20% reduction in load times.