

Sun English Jr.

Full Stack Software Engineer - AI, TypeScript, React.js, Next.js

Richmond, VA

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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Skills: Rapid Prototyping, AI Agents, Deep Learning, Machine Learning, JavaScript/TypeScript, Python, Express, Flask, GraphQL, Swift/SwiftUI, Golang, Docker, AWS, GCP, Nextjs, React, Redux, TailwindCSS, ChakraUI, Supabase, Firebase/Firestore, PostgreSQL, NoSQL, Node.js, Mocha/Chai, AI, WEB3, NPM/Yarn, Webpack, Prompt Engineering, Postman, TensorFlow, Keras, ESLint, Git/Github, *and more...*

I'm a Full Stack Software Engineer specializing in **optimized, scalable, user friendly and accessible applications**. I have **over 3 years of professional experience** and I have built applications for the **Fin-Tech, Museum, Civic-Tech, and WEB3** sectors.

Professional Experience

Flying Over Time - Full Stack Software Engineer

November 2024 - Present (Startup)

- Created multiple iterations in order to achieve the most scalable, lightweight product
- Lead team members on how to use / develop application
- Used chunks and sophisticated data management in order to convert multiple ~500MB GeoJson and ArcGIS files into >10kb vectorized files; resulting in extremely fast loading and smooth UX

Longwood Center for the Visual Arts - Full Stack Software Engineer

October 2022 - Present

- Trained a large language model (LLM) that accepts user input and provides rich, detailed art recommendations based on the museum's extensive art collection
- Deployed multiple applications; leading to more engagement and better business practices

Projects

CareMap ([Code](#) | [View Site](#))

A React, Redux and JavaScript application utilizing Leaflet maps for the Civic Tech industry.

- Implemented webhooks for comprehensive, live information across the application
- Integrated MetaMask API to enable safe, secure community investment with Blockchain/Web3
- Persisted data with a Cloud database and AWS storage; resulting in reliable, fast data access
- Ensured WCAG compliance by using accessibility best practices (ARIA, keyboard navigation)

LCVA Portal ([Code](#) | [Video Preview](#))

An iOS app that connects students and community members to the art collection on and off campus.

- Developed an Art Recommendation AI Agent microservice using LangChain and OpenAI
- Utilized smart caching, CDN, RPC functions, to reduce egress by 99% and provide instant UX
- Engineered role based access control for content management with a robust, clean frontend
- Designed a sleek, user-friendly frontend inspired by top interfaces like Spotify and Calm

Education

App Academy - Full Stack Software Engineering Bootcamp

March 2024- February 2025

Maryland Institute College of Art - Bachelor of Fine Arts in Drawing

September 2011 - May 2014