

Sean Andrew Stanek

➤ Full Stack Developer



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Summary

Full Stack Developer with a background in education, leveraging vast experience leading team-based, collaborative environments. Proficient in front-end technologies such as HTML5, CSS3, JavaScript (including Angular, React and Node.js) as well as many back-end technologies such as AWS and MongoDB. Demonstrated success in cross-functional teams to deliver high-quality solutions that not only met but exceeded client needs and surpassed yearly benchmarks.

Education

B.S. Interdisciplinary Studies

Texas A&M University
2000 - 2005

Full Stack Web Development Bootcamp

September 2023 - February 2024

Experience

ESL Teacher

American and Korean Schools

September 2005 - Current

- Achieved 100% re-enrollment for multiple semesters, demonstrating exceptional student retention and satisfaction
- Independently created interactive classroom material using GIMP, Unity and C# leading to increased engagement
- Voluntarily developed workplace tools for coworkers utilizing AI technologies with Python and C#, enhancing productivity and efficiency

STEM Teacher

International STEM School

November 2021 - March 2024

- Developed apps using Google App Scripts to identify and focus academic studies on weak areas, increasing MAP scores for 100% of students
- Created curriculum using modern technologies such as the Apple Suite and Scratch Coding to boost engagement, resulting in 100% homework turn-in rate
- Fostered a positive and team-based atmosphere resulting zero behavior write-ups in the classroom throughout the entire year.

Projects

React SPA Portfolio

[GitHub Repo](#) / [Deployed Client](#)

React, Vite, SCSS, Node.js

- SPA JavaScript React app with custom assets, animations, and creative SCSS/CSS usage
- Hosted on AWS using S3 and CloudFront
- OpenAI API functionality supported by a Python backend and an Azure Function

Movie Database API and Client

[Angular GitHub](#) / [React GitHub](#) / [Backend API](#)

MongoDB, Express.js, Angular, React, Node.js

- Implemented a MEAN and MERN stack enabling users to view data on movies
- Employed CRUD to interface with the Express.js backend API

LetsMeet - Meeting App

[GitHub Repo](#) / [Deployed Client](#)

React, OAuth, Serverless, AWS Lambda, Jest, PWA

- Developed a React Client / PWA using serverless Lambdas integrating OAuth
- Ensured high quality results using testing frameworks such as JEST

Skills

Front-end stack

HTML DOM CSS JS React UI

Angular UX jQuery Bootstrap Material

Back-end stack

REST APIs Express Node.js Python

Java C# C Programming JSON

Data

MongoDB AWS Azure Functions

ALB IAM S3 EC2 Lambda SQL

Development and Operations

Agile Scrum GIT Version Control