

Nicholas Smith

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SOFTWARE ENGINEER

I am a full-stack software engineer who brings an analytical approach to my work. I am a big picture thinker with an attention to detail. My background is in psychology, creative writing, and music. My experience completing my first album taught me the importance of leadership, collaboration, and seeing a project through to fruition, helping me to give and receive feedback effectively when working within a team, and to understand the importance of working cohesively towards the completion of a final product.

SKILLS

Programming skills: JavaScript, Python, React, PostgreSQL, MongoDB, HTML, CSS, jQuery, ExpressJS, Flask, FastAPI, JSON, Git, Next.js, TypeScript, VSCode

Interpersonal skills: Communication, teamwork, critical thinking, adaptability, leadership, creativity

TECHNICAL PROJECTS

Assignments - Developer | [Front-end Repo](#) | [Back End](#) | [App](#) - Python | Flask API | PostgreSQL | React 10/2023

A site designed to keep track of upcoming assignments that allows users to create, view, update, and delete assignments.

- Created back-end server using Python and the Flask API Framework
- Incorporated PostgreSQL database into back-end code in order to store and retrieve user data
- Built front end using React and styled using the Milligram CSS framework

On The Record - Developer | [Front-end Repo](#) | [Back End](#) | [App](#) - Python | Django | PostgreSQL | React 09/2023

A music and art review site that allows users to view, post, edit, and delete reviews.

- Coded back-end server using Python and the Django REST Framework to host endpoints for client-side actions
- Implemented a PostgreSQL database within the back-end codebase to store data collected via user input

Travelog - Developer | [Front-end Repo](#) | [Back End](#) | [App](#) - MongoDB | Express | React | Node.js 08/2023

A travel diary site where users can view, post, edit, and delete posts that include information about places they've visited.

- Worked with two other developers to build a travel diary site using JavaScript within the React library
- Built back-end API within an Express framework in a Node environment, connected to MongoDB via Mongoose
- Built in an authentication feature enabling a functional login feature

Simple Dictionary - Developer | [Repo](#) | [App](#) - JavaScript | jQuery | HTML | CSS 06/2023

A dictionary app that provides users with the word, part of speech, and a short definition according to their search entry.

- Incorporated data from Merriam Webster API into a search feature to create a simplified dictionary search app
- Built app with HTML, CSS, JavaScript, and jQuery and successfully deployed interactive site

EXPERIENCE

Project Most, Instructor

East Hampton, NY, 09/2022 - 10/2022, 12/23 - Present

- Taught guitar and keyboard lessons to elementary schoolers
- Led a chess class at an afterschool program for groups of up to 20 elementary school students, resulting in students gaining a foundational understanding of the game as well as a desire to play and learn more
- Initiated and designed a new creative writing program for students facilitating greater student engagement
- Served as lead instructor, delegating tasks to other instructors and ensuring all children were effectively supervised

Freelance Musician and Writer

Remote, 2020 - present

- Produced, recorded, and released two original albums and distributed music on major streaming platforms including Spotify and Apple Music
- Published articles in *The East Hampton Star* and *The Amagansett Star Revue*

Arnold S. Warwick & Co., Ltd., Assistant Managing Agent

New York, NY, 05/2018 - 01/2020

- Audited monthly financial reports for approximately 100 properties for delivery to board members and accountants
- Maintained filing system for bank records and company invoices
- Deposited company checks weekly at the bank ranging from \$500 to \$20,000

EDUCATION

General Assembly, Software Engineering Immersive
Pitzer College, Bachelor of Arts in Psychology

Remote, Certificate of Completion: 10/2023
Claremont, CA, 2018