

Matthew Haines

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I am a versatile Full Stack Software Engineer with a background in Graphic Design and Audio. My entrepreneurial ventures, particularly in client-facing businesses, have cultivated my creative problem-solving skills.

SKILLS

Technical: JavaScript, HTML, CSS, Python, SQL, MongoDB, JSON, Typescript, EJS, DTL, React, Django, Express, Node.js

Project Management: Agile methodologies, team collaboration, product lifecycle management

SOFTWARE DEVELOPMENT PROJECTS

[SpaceBook](#) - [Github Repo](#) | MERN Stack App - Team Project

- Prompt: Design and create a social media style app to demonstrate proficiency with the MERN stack
- Utilized a MERN stack (MongoDB, Express, React.js, Node.js) to build a full stack application with full create, read, update, delete (CRUD) operations hitting all RESTful API calls.
- Responsibility for majority of front end functionality and design.
- Utilized NASA APOD API.

[Shelter Helper](#) - [Github Repo](#) | Express App, EJS, Javascript, Multer, Google oAuth, MongoDB

- Utilized Express framework to create a RESTful API app with full CRUD operations and tested all backend routes during development using Postman..
- Used Mongoose to define schemas for MongoDB collections and utilized Google oAuth for User Signup/Login.

[The Word Counter](#) - [Github Repo](#) | React(Vite), Python(Flask), BeautifulSoup4

- Developed a Python-based web application utilizing Flask for the backend and React with Vite for the frontend, designed to analyze web pages. The app employs BeautifulSoup4 for efficient web scraping, enabling users to count occurrences of specific words provided by them on targeted web pages.
- Implemented custom Dynamic CSS using keyframes, mobile responsive styling.

PROFESSIONAL EXPERIENCE

Software Engineering Immersive Fellow, General Assembly | Remote September 2023 - December 2023

- Participated in the development of full-stack applications, demonstrating proficiency in technologies such as MongoDB, Express.js, React, NodeJS, Python, Django, and JavaScript.
- Successfully integrated external APIs and services, enhancing application functionality and user experience
- Fostered a collaborative team environment by providing guidance, troubleshooting support, and promoting code consistency through the development of reusable components.

Co Founder, Head of Fabrication, Photo Studio Manager, Drip Dome Productions | LA, California May 2019 - Current

- Responsible for planning and implementation of carpentry and other fabrication tasks.
- Interfaced with celebrity clientele in a professional manner.

EDUCATION AND CERTIFICATES

IBM

Python for Data Science, AI & Development

Developing AI Applications with Python and Flask

Developing Front-End Apps with React

General Assembly | Remote

Software Engineering Immersive

September 2023 - December 2023

Full-stack software engineering immersive student in an intensive, 24-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies.

Gettysburg College | Gettysburg, PA

Bachelor's Degree in Political Science, Minor in Philosophy