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Software Developer

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About Me

I have enjoyed every second of my software development journey. From the start, when I learned how to display "Hello World" on a simple webpage, to now, being able to make an AI Voice Assistant. This is more than just a job for me, creating high-quality software is my passion! Expanding my expertise and mastering my skillset is only getting more exciting as time goes by. Below are some of my projects, these projects are meant to demonstrate my background in software development and my general skillset.

Projects

My Portfolio Website ⬀

Built using Django, Python's high-level web framework. I implemented Django's Model, Template, View Pattern (MTV, similar to MVC from Ruby on Rails). The project consists of user registration, the ability to edit how your user profile is displayed, forum-like commenting, a system of 'liking' projects, AWS integration for use and storage of static files, and more.

Jarvis, *AI Voice Assistant* ⬀

A voice assistant to help with random tasks. This project utilizes many different APIs. Ask Jarvis what the weather is like in the North Pole, to play your favorite song on Youtube, or even to tell you a good joke.

Don't Get Volunteered ⬀

This program simulates the way a Knight would move around on a chessboard. You give it two points, a start and an end point, and the program returns the shortest distance between the two points.

Bomb Baby ⬀

Completing this project involved implementing dynamic programming. At first glance, I thought a Breadth-First Search algorithm was the way to go, but I had to solve for inputs of up to 10^{50}. View the 'explained.md' file for a more in-depth explanation.

Education

Scientific Computing with Python,
University of Michigan

Django Web Specialization,
University of Michigan

References

Omitted, *Software Engineer*, Google
available@uponrequest.com

Omitted, *Web Developer*, Husq
available@uponrequest.com