

Amitoj Singh | Software Engineer

I'm a full-stack developer with a background in property management and grassroots organizing. I have a strong foundation in communication, a passion for detail, and a knack for collaborating and inspiring cross-functional teams. My tools include JavaScript, Python, and React; I am looking to leverage these skills to build intuitive and efficient apps.

Skills

Languages - JavaScript, HTML, CSS, Python, SQL, React, JSON, Typescript, EJS, DTL

Database - PostgreSQL, MongoDB | **Other** - RESTful Routing, JSON api

Libraries and Frameworks - React (class based and hooks), Express.js, Django, JQuery, Bootstrap, Semantic UI, Bulma

Technical - Microsoft Excel, Microsoft Office, Slack, Zoom, Amazon AWS, GitHub, Visual Studio Code

Software Development Projects

June 2021 - PRESENT

Fitness Tracker - A full stack fitness tracking application built in a 10 day sprint using Django as the core framework for Python using: **Python, Django, JQuery, PostgreSQL, HTML, CSS, Heroku, and Bootstrap5**.

- Django application that provides dynamic weight and sleep tracking utilizing a PostgreSQL database as well as secure user authentication.
- Wireframed and planned UI design of the application using Mockflow and Lucidchart.
- Ongoing development: Integrating Fitbit api data to improve user experience and application scalability.

Thematic LMS - Full stack Learning Management System (LMS) application built in a 4 day sprint using: **Javascript, jQuery, CSS, HTML, EJS, Node, Express, Mongoose, Mongo/MongoDB, Heroku, and Fomantic-UI**.

- A NEM stack application uses a mobile-first, responsive design with a simple, modern layout.
- Thematic LMS is a learning management system that reverse-engineers: user authentication, assignment creation, and file submission of the popular Canvas LMS.
- The application demonstrates full CRUD functionality, use of RESTful routes, EJS partials/templating, multiple database models with working relationships, and both front-end and back-end data validation.

Wayfarer - A full stack travel community application built in 4 days with 3 other developers using Django as the core framework for Python using: **Python, Django, JQuery, PostgreSQL, HTML, CSS, Heroku, and Bootstrap5**.

- Utilized PostgreSQL database and Django framework that handled all create, read, update, delete (CRUD) operations.
 - Built according to client-provided wireframes, user stories and feedback.
 - Implemented a bootstrap5 library as well as vanilla CSS3 to provide style and grid layout.
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Professional Experience

District Director - Solomon Rajput Campaign | Ann Arbor, Michigan

September 2019 - August 2020

- Organized and managed 50+ interns using zoom and discord to canvass the 12th political district in Michigan.
- Strategically and efficiently scheduled and created zones to reach 100K+ voters over the course of the 10 month campaign.
- Generated 25K+ votes for the candidate in the primary election, who was running against the most experienced congresswoman in the country.

Co-founder, National Recruitment Director - DoneWaiting | Ann Arbor, Michigan August 2020 - September 2021

- Co-founded the progressive organization, DoneWaiting, that has made over 200K+ calls for political candidates over the course of the past year.
 - Recruited 400+ interns through social media tactics and managed content creation built to expand the organization.
 - Managed social media campaigns that generated over 1M+ video views across Tik-Tok and Instagram.
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EDUCATION

General Assembly | Remote

2021

Software Engineering Immersive

Full-stack software engineering student in an intensive, twelve-week, 450+ hour program focused on product development fundamentals, object-oriented programming, MVC frameworks, data modeling, and team collaboration strategies. Developed a portfolio of individual and group projects.

University of Michigan-Dearborn | Dearborn, Michigan

Bachelor of Science degree (B.S.) in Biological Sciences