JOHN D WATT

Software Engineer - Las Vegas, NV
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Software engineer comfortable with both back-end (Node.js/Express.js, Django) and front-end (React, HTML, CSS) technologies. Experience with Agile/Scrum methodologies, collaborating on cross-functional teams, leading coding projects, meeting sprint deadlines, and picking up new technologies quickly. Obsessed with self-improvement and optimization, both in code and in life.

SKILLS

Languages - Javascript, Python, HTML, CSS, SQL | **Databases** - MongoDB, PostgreSQL | **Libraries and Frameworks** - React, Express.js/Node.js, Django | **Other** - JSON API, Git/GitHub, SASS, RESTful Routing, MVCR, Slack, Heroku

RELEVANT EXPERIENCE

Software Engineer   September 2021 - Present
Freelance | Remote
- Developing web applications using MERN (Mongoose/MongoDB, Express, React, Node) or Python/Django tech stacks.
- Built a React app to add search functionality to a client's Wordpress website for their 245+ subscriber newsletter.

Software Engineer Fellow   June 2021 - September 2021
General Assembly | Remote
- Full-time software engineering fellow gaining comprehensive, hands-on experience with Javascript, Python, React, Express.js, Node.js, MongoDB, Django, PostgreSQL, HTML, CSS, OOP, and MVCR, through collaborative team projects.

SELECTED PROJECTS

ATMOS | *JavaScript, React, Node, Express, MongoDB, Mongoose, SASS, JSON API*   August 2022
- Air quality index app created in 3 days by an 8-person, cross-functional team (SW engineers and UX/UI designers).
- Features IQair's AirVisual API integration to provide real-time air quality data, a memoized caching system to reduce API calls, sustainability recommendations based on current air quality, and a responsive, modern design.

Shower Thought Central | *JavaScript, React, Node, Express, MongoDB, Mongoose, CSS*   April 2022
- A place where users can share their shower thoughts publicly with the world.
- The application features an independently hosted Express API, a randomization algorithm, full CRUD functionality, client-side RESTful routing, and a mobile-first responsive design.

10-44 (Road Buddy) | *JavaScript, Node, Express, MongoDB, Mongoose, EJS, CSS, jQuery*   December 2021
- A hackathon-winning, buddy matching app for truckers to help address loneliness during long-haul trips.
- Created from scratch in under 3 days by an 8-person, cross-functional team (SW engineers and UX/UI designers).
- Features a robust, session-based user auth system, an efficient matching algorithm that pairs users based on shared interests, a working two-way messaging system, and both front/back-end data validation.

Project Wayfarer | *Python, Django, SQL, PostgreSQL, Bootstrap CSS, Javascript, jQuery*   August 2021
- Client-requested social media site for travelers to share tips on their favorite park locations from around the world.
- Built by a 3-person team during a 1-week sprint; demonstrates full CRUD functionality, RESTful routes, a responsive mobile-first design, and DTL templating to render dynamic web pages.

EDUCATION

Software Engineering Immersive Program   June 2021 - September 2021
General Assembly | *Remote*
- Full-stack software engineering immersive 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.

Bachelor of Arts (B.A.) in Psychology   August 2017 - May 2021
University of Nevada, Las Vegas | *Las Vegas, NV*
- Graduated Summa Cum Laude with Research and Creative Honors.