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ASH WARD | Full Stack Developer

I'm a full stack developer proficient in MERN stack (MongoDB, Express, React, Node) and Python. I have a passion for creating fully functional full stack web applications from the ground upwards, throughout the entire development lifecycle. I like to research solutions to problems, as you can often find many other creative ways of solving the problem. I would love to work for a company that encourages consistent growth and personal development, and allows me to continue to be creative, as I wish to continue improving my skills by learning new languages, technologies, and concepts.

Skills

Languages - JavaScript, Python, HTML, CSS, SQL, EJS, DTL

Database – MongoDB, Mongoose, PostgreSQL | **Other** – Git, GitHub, RESTful Routing, JSON, AJAX

Libraries – Node.js, Axios, Django, jQuery, Bootstrap, Socket.io | **Frameworks** – React.js, Express.js

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Software Development Projects

Only Exams - *Full stack E-Learning Platform*   MARCH 2022
- Front-end built with **React**, enabling a seamless Single Page Application
- Implemented **Axios** to handle calls from the front-end to the API.
- Back-end written in **Python** using **Django** library to query the relational **PostgreSQL** database
- Multi-User permissions, enforcing different views per user (Student, Tutor, Author) for a different user experience.

Chatterbox - *Full stack web-based chat app*   JANUARY 2022
- Single Page Application built with **React.Js** and implementing the **Socket.io** module
- Worked as a group in a collaborative environment, taking on the role as Scrum Master, applying **Git** version control to build, test and integrate individual components
- Incorporates the bi-directional and low latency benefits of **Socket.io** to enable real time chat between users
- Styled upon original 'Windows Live Messenger' UI including the 'nudge' feature

Plenty of CRUD - *Full stack dating app with multiple profile functionality*   DECEMBER 2021
- Single Page Application built with **JavaScript** and **Node.js** with a user-friendly responsive layout, enabling a seamless switch between pages
- Utilizes CRUD commands with **MongoDB** & **Express.JS** on the backend to store, edit and retrieve users and profiles
- Included the ability to create multiple profiles, and dynamically switch between them on profile page

Boats n 0's - *A variation of classic Tic-Tac-Toe with AI features*   OCTOBER 2021
- Reimagined the classic game to run in browser, using **HTML, CSS,** and **JavaScript** for DOM manipulation.
- Leveraged Flexbox layout and media queries to enable a responsive design, suitable for all screens.
- Incorporated an AI player with multiple difficulty levels, alongside the option to play vs local human.
- Stored game data on a 3rd party API, with the ability to retrieve game-state and game history.

Professional Experience

Administrator, Health Benefits | Pacific Blue Cross | Burnaby, BC, Canada   SEPTEMBER 2013 - PRESENT
- Tested 3 new implementations of benefits and pension administration software for compatibility with our daily use and trained my team of 10 to use the products.
- Calculate 20,000+ member's hours for eligibility of benefits and pension, per month, ensuring all members have the correct coverage and pension funds.
- Collaborate with my team and managed my time effectively to reach the strict deadline for member coverage each month, allowing other departments to work with those results.
- Solve funds balance problems daily with a high success rate, ensuring that all members are processed with correct coverages.
- Communicate with 100-600 clients monthly via mail and email, to note any discrepancies or issues to be resolved, and proactively informed of upcoming rate changes.

Administrator, Traffic Office | DHL | Thetford, England   SEPTEMBER 2007 - MAY 2013

- Oversaw logistics and maintained a route-planning schedule for 18 drivers and vehicles for routes across the entire country.
- Communicated with drivers on the road to stay updated and ensuring that drops and pickups could be made within specified timeframes.
- Sourced extra jobs from clients & partners on drivers' routes that would bring in extra revenue if the driver had time and space for an extra pickup or drop.

EDUCATION

General Assembly | Remote   2021-2022
Software Engineering Immersive
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, data formats, and team collaboration strategies. Received regular feedback on progress and was encouraged to give regular peer feedback. Developed a portfolio of individual and group collaborative projects, from planning through to deployment, with regular testing and QA of our products.