Nicolas J. Simmonds

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Summary

I am a full stack developer with experience using the JavaScript, TypeScript, and Python programming languages, RDBMSystems such as PostgreSQL, and the technologies in their respective ecosystems. My prior experiences enable me to excel in both working effectively with team members from various backgrounds and disciplines, as well as communicate effectively with stakeholders to ensure that the outcome meets the needs of the client.

Skills

Stack and Tools: HTML, CSS, JavaScript, TypeScript, React.js, Material UI, Node.js, Express.js, Jest Testing, Jasmine Testing, jQuery, Bootstrap, Python, Flask, Bcrypt, PostgreSQL, SQLAlchemy, Git, GitHub, Supabase

Projects

Yam   https://yam-p2qp.onrender.com/
- Delivered a fully functional app with features including product and inventory management, business partner management, and direct sales tracking, which allows for improved business operations and efficiency.
- Implemented the frontend using React.js and Material-UI for a responsive design and interactive UI, ensuring a positive user experience across various devices.
- Developed the backend using Node.js, Express.js, and PostgreSQL, allowing for the creation of RESTful APIs for data management.
- Deployed the application using Render and Supabase, ensuring a scalable solution that supports multiple clients.

MarketCap Metrics   *https://github.com/njsimm/MarketCap-Metrics*
- Created a tool that helps facilitate the comparison of market capitalizations between different asset types.
- Utilized HTML, CSS, and JavaScript for front-end development, and Python, Flask, PostgreSQL, and SQLAlchemy for back-end development.

Warbler   *https://github.com/njsimm/Warbler-Springboard*
- Extended an existing code base by adding features that allow users to like and un-like posts, display liked posts on their profile, and implemented profile editing functionality.
- Refactored code and fixed bugs relating to logging users out and displaying user specific content.
- Developed unit and integration tests for models and their attributes/methods, routes/view-functions, endpoints, response codes, authentication, and authorization.

Experience

Software Engineer Trainee, Springboard, Remote   *August 2023 – July 2024*
- Conducted thorough code refactoring and bug resolution for multiple applications, improving user experience and system reliability.
- Enhanced multiple applications' security by engineering secure authentication and authorization functionalities.
- Created unit and integration tests to ensure robustness of models, routes, view-functions, and endpoints.
- Developed and integrated RESTful APIs throughout multiple course applications, enabling dynamic content management and service-oriented architecture.

JAG-ONE Physical Therapy   *March 2022 – April 2023*
- Designed and implemented rehabilitation programs that enhanced patients' quality of life, achieving over 75% return to prior levels of function, demonstrating adaptability and cultural competency in tailoring approaches to diverse patient needs.
- Trained junior staff on office systems and workflows, significantly improving operational efficiency by 50% and service delivery through strong collaboration and adaptability, while emphasizing the importance of active listening and cultural competency in patient interactions.

Education

Springboard
Software Engineering Program, Certificate   *July 2024*
University of Delaware
Doctor of Physical Therapy | DPT   *December 2021*
University of Delaware
M.S. in Anatomy and Clinical Health Science   *August 2020*
Rutgers New Brunswick, State University of New Jersey
B.S. in Exercise Science and Sports Studies | Applied Kinesiology   *May 2018*