John O'Donnell

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SKILLS   React, Redux, node.js, sequelize.js, express.js, Javascript, SQL, Postgres, sqlite3, MySQL, Git, HTML5, CSS3, Python, Flask, SQLalchemy, Rust, UX/UI, AWS S3, Google Maps API, NPM, TS/SCI

PROJECTS

Irish Red Ales (React, Redux-toolkit, Axios, Sequelize, Javascript, HTML5, CSS, Express, AWS, Google API)   **Live Site | Github**
A review site for local breweries
- Utilized window geolocation functionality from DOM to accurately identify users' geographical location upon entering the site.
- Incorporated a seamless integration with AWS S3, allowing users to perform Create, Read, and Delete operations on their uploaded photos and increasing the overall scalability of the application.
- Leveraged Google Maps API and Google Geocode API to show the location of breweries on React Google Maps.
- Developed and published a custom NPM package specifically designed to implement spell-check functionality for search features.

Pet Overload (React, Python, Javascript, HTML5, CSS, Flask, SQLalchemy, Alembic)   **Live Site | Github**
A stack-overflow-like app for pet owners.
- Identified and selected relevant front-end packages to improve the user experience and interface of the application.
- Created application with a full development team utilizing pair programming in a full SCRUM environment by engaging in daily stand-up meetings to provide updates on progress, share challenges, and align team members' efforts.
- Crafted rich text editor that creates react components to be stored and mounted upon rendering on the front end.

TPG Event Manager (React, Redux, Sequelize, Javascript, HTML5, CSS, Express)   **Live Site | Github**
A full stack Meet-up like site where users can create/join events and groups.
- Designed and implemented the back-end using Node.js, Express, and Sequelize, building a RESTful API to manage events, users, and groups.
- Implemented the front end using React and Redux by creating reusable components.
- Built scalable and performant API using Express and Sequelize, utilizing industry-standard RESTful practices for resourceful endpoints and implementing pagination, filtering, and sorting.

EXPERIENCE

USAF, *EOD Technician*   USA   Feb 2015-Feb 2022
- Conducted thorough analysis and assessment of VIP venues and routes, utilizing specialized tools and techniques, and made recommendations for the safe and secure passage of POTUS and VPOTUS.
- Worked with special operations. Trained for specialized operations, including explosive utilization and intelligence gathering. Participated in tactical training in support of other military units and foreign forces.
- Rendered safe over 10,000 explosive devices, utilizing all U.S. Air Force Demolition techniques operationally to mitigate risks and prevent harm to personnel and assets.
- Met with state politicians to bolster awareness of emergency response capabilities, highlighting the role of Explosive Ordnance Disposal (EOD) technicians in ensuring public safety and providing technical expertise in hazardous material and explosive incident management.

EDUCATION

App Academy   New York, NY   2023
- Graduate of App Academy's rigorous full-stack web development program, which admits less than 3% of applicants based on a highly selective screening process.
- Demonstrated a strong commitment to learning and professional development by investing over 1000 hours of intensive study in software engineering concepts, tools, and best practices.
- Honed technical skills through daily coding challenges, pair programming, and extensive project work, culminating in the development of several full-stack web applications from scratch.

Naval School Explosive Ordnance Disposal   Destin, FL   2016
- Developed expertise in a range of technical areas, including electronics, robotics, and chemical and biological weapons, in order to effectively respond to a variety of threats.
- Trained to work under extreme pressure and in high-stress situations, demonstrating the ability to think critically, problem-solve, and make quick decisions in the field.