

Kenneth Schaefer

Software Developer / Software Engineer

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TECHNICAL SKILLS

Proficient: *Node, JavaScript, React, Redux, Git, Express, PostgreSQL, LESS*

Knowledgeable: *AWS, HTML5, NextJS, C, C++, Python, Google Maps API*

TECHNICAL PROJECTS

Hello Kitchen | Front End Developer | October 2022 | rowlf.herokuapp.com | github

- Aids a user in selecting meals and purchasing the necessary ingredients to make those meals.
- Implemented a simple, feature rich single page application model with nested routes for quick, concise load times with a mobile friendly view.
- Applied an integration with the Amazon Fresh Testing API to allow users to export their shopping list to order items through the Amazon Fresh website.
- Integrated with Google Maps / Places API that allows users to quickly and efficiently search for the nearest grocery stores to buy the ingredients from their shopping list.

Grace Adopter | Full Stack Developer | September 2022 | grace-adopter.herokuapp.com

- Developed a pet adoption agency that aims to help lonely pets find their FurEver Home.
- Solidified parts of my knowledge in using React/Redux and Toolkit as middle ware for sending and receiving data from a database.
- Created and integrated a hosted PostgreSQL server on Heroku while maintaining an operationally ready data flow for current users.
- Strengthened my understanding in the importance of having a proper Git workflow to maintain application up time and Continuous Integration / Continuous Deployment methodology.

EXPERIENCE

IT Consultant / General Manager | Donald Jones Consulting | Wichita Falls, TX

September 2021 - PRESENT

- Managed a process re-engineering project to improve and consolidate end-to-end service processes.
- Restructured communication flow among 28 facilities and cut down paperwork by 45%.
- Controlled the release of proprietary information by organizing and developing secure information systems.
- Analyzed and adjusted work procedures for the chief of operations that maximized production efficiency by 32%.
- Planned, set and implemented facility goals while maintaining budget standards which led to a 1200% increase in facility utilization.

Hospital Security Officer | Trinity Executive Services | Indianapolis, IN

February 2020 - October 2020

- Implemented effective deescalation techniques that lowered the number of physical confrontations by 28% during the height of the COVID pandemic.
- Coordinated numerous security protocols to comply with both HIPAA and Joint Commission standards while protecting the doctors, nurses and patients of 5 separate facilities.
- Controlled the release of proprietary information by organizing and developing 5 secure information systems.
- Assessed the development and effectiveness of 15 subordinates while cultivating the strengths of individuals within the team.

Lead Commercial Foreman | G3 Construction, inc. | Indianapolis, IN

January 2018 - January 2020

- Planned, scheduled and assigned work for optimal distribution, staffing and production of up to 3 job sites simultaneously; consistently achieved deadlines, quality control goals, and produced quality inter-

- trade relations.
- Negotiated general contracts, purchase orders and subcontract agreements with clients and subcontractors.
- Supervised crews of up to 10 carpenters, journeymen, drywall hangers, and general labor personnel.
- Inspected work in progress to ensure quality and conformity to contract and drawing specifications in accordance with state and federal guidelines.

Military Service

Sergeant (Division Lead) | United States Marine Corps December 2010 – January 2018

- Held a Top Secret security clearance from 2012 – 2018.
- Overcame seemingly insurmountable odds to attain daily operational readiness on 2 separate occasions. As a result, was awarded the Navy and Marine Corps Achievement medal on both occasions.
- Re-engineered the technological documentation process for the largest program in military aviation in order to improve document access and storage by 86% while removing the time needed for project management by 79%.
- Cultivated an environment that encourages organizational readiness and individual mental health awareness.
- Supervised and commanded maintenance teams of up to 65 Marines in high stress combat situations while maintaining a professional, combat ready squadron of F/A-18 and F-35 fighter jets.

EDUCATION

Fullstack Academy Web Development Bootcamp

October 2022

Software Engineering Certificate

Full-time, Full Stack JavaScript Web Development Immersive

Embry-Riddle Aeronautical University

March 2023

Associate of Science in Engineering

Purdue University

Bachelor of Science in Mechanical Engineering - 47 Credits

Relevant Courses: Introduction to Programming in C, Programming for Engineers, Calculus I, Calculus II, Calculus III