Kenneth Schaefer

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Full-Stack Software Developer Profile

Technically-minded and performance-driven professional with proven capacity to implement theoretical insights acquired from an Engineering Degree and Software Engineering Certification. Aptitude for developing efficient, large scale applications by utilizing exceptional expertise in various programming languages/platforms. Instrumental in accomplishing organizational objectives by optimizing overall operational efficiency, developing teams, ensuring quality levels, and maintaining regulatory compliance. Capable of leveraging modern software development tools for engineering interactive and simplified interfaces to optimize data transformation and user experience. Equipped with exceptional problem-solving, analytical, collaboration, and interpersonal skills.

Technical Proficiencies

Git | React | Node | JavaScript | Web Development | HTML/CSS | Redux | PostgreSQL | D3 | MySQL | Java | C/C++ | MatLab | Python | Data Analytics | R | Machine Learning

Career Experience

Guidewell Blue Cross Blue Shield, Remote   **2023 to Present**
Full Stack Software Developer

Develop and test full stack web applications using ReactJS, Redux, D3 and NodeJS. Documented detailed system specifications, participate in unit testing and maintenance of planned and unplanned internally developed applications, evaluation and performance testing of purchased products.

- Included numerous IT security controls to protect proprietary applications, customer information and application availability.

edX , Remote   **2023 to Present**
Full Stack Software Engineering Bootcamp Instructor

Guided students through building their own full-stack web applications, providing support and feedback along the way. Equipped students with the skills and knowledge needed to succeed as software engineers in today's fast-paced tech industry.

- Conducted interactive sessions of up to 60 students on full-stack software engineering, covering essential topics such as front-end and back-end development, databases, and deployment while employing visual aids, real-world examples, and practical exercises to ensure that students grasped the concepts thoroughly.
- Designed and moderated group projects that challenged students to apply their skills to real-world problems. Encouraged peer-to-peer feedback and communication, fostering a collaborative learning environment that encouraged students to develop their teamwork and communication skills.

Donald Jones Consulting & Service, Wichita Falls, TX   **2021 to Present**
General Manager | IT Consultant

Managed process re-engineering projects to improve and consolidate end-to-end service processes. Administered and controlled release of proprietary information by developing and maintaining secure information systems. Promoted to Lead IT Consultant for developing solid understanding of full-stack software development.

- Architected and developed multiple full-stack web applications utilizing React, Node.js and SQL, implementing complex data structures and integrated APIs to enable seamless data exchange.
- Reduced 45% of paperwork by developing Python automation software and restructuring communication flow across 28 facilities.

Trinity Executive Services, Inc., Indianapolis, IN   **2020**

Hospital Security Officer

Executed necessary security protocols for ensuring adherence to HIPAA and Joint Commission standards while protecting doctors, nurses and patients of facility. Oversaw end-to-end aspects involved in release of proprietary information by organizing secure information systems. Evaluated development and effectiveness of subordinates while strengthening overall team development.

- Responded to emergency situations and disturbances within the hospital, coordinating with law enforcement and medical staff to ensure swift and effective resolution while minimizing the risk of virus transmission.
- Monitored and patrolled hospital premises to maintain order and safety, preventing unauthorized access and ensuring compliance with social distancing and PPE requirements.

G3 Construction, Inc., Indianapolis, IN   **2018 to 2020**
Lead Commercial Foreman

Planned and delegated workflow to staff members for attaining optimal levels of distribution, staffing, and production while consistently meeting deadlines, achieving quality objectives, and establishing inter-trade relations. Monitored and supervised routine responsibilities to ensure quality and conformity with contract.

- Administered team of 10 individuals, comprising carpenters, journeymen, drywall hangers, and labor personnel.
- Utilized exceptional negotiation and communication skills for closing general contracts, purchase orders, and subcontract agreements with clients and subcontractors.

United States Marine Corps, San Diego, CA   **2010 to 2018**
Division Lead

Led a team of aircraft maintenance personnel in conducting scheduled and unscheduled maintenance on a fleet of aircraft. Oversaw all aspects of maintenance operations and inter-shop communications, including maintenance planning, resource allocation, and quality control.

- Managed the largest program in military aviation, assigning tasks to maintenance crews of up to 60 Marines while inspecting their work to ensure proper repair and maintenance of aircraft.
- Received two Navy/Marine Corps Achievement Medals in recognition of outstanding leadership, dedication, and attention to detail in managing aircraft maintenance operations.
- Trained and mentored maintenance personnel on aircraft maintenance procedures, safety protocols, and best practices while collaborating with engineers and other technical experts to develop solutions for complex aircraft maintenance issues.

Education / Certifications

Bachelor's of Science - BS, Computer Science (In-Progress)
University of the People, Pasadena, CA

Associate of Science - AS, Engineering
Embry-Riddle Aeronautical University, Daytona Beach, FL

ITF+ Certification
COMPTIA, Downers Grove, IL

Software Engineering Certification, Computer Software Engineering
Full stack Academy, New York, NY

Google IT Support Certification
Coursera, Remote