David Kerr

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Orlando, FL

Summary

Passionate Web Developer with a year of experience in full-stack development, transitioning from a successful 9-year career as a firefighter. Known for problem-solving under pressure, I bring a unique ability to collaborate effectively in high-stakes environments. With proficiency in JavaScript, HTML5, CSS3, React, and Flask, I'm eager to contribute to innovative web solutions.

Professional Profiles

Personal Portfolio | LinkedIn | GitHub

Skills

JavaScript, Python, React, Flask, SQLAlchemy, Git, RESTful API's, HTML5, CSS3, PostgreSQL, Bilingual- English and Spanish, Languages: JavaScript, Python, HTML5, CSS3

Core Competencies

- **Problem-Solving Under Pressure**: Quick diagnosis and resolution of issues, shaped by experience in emergency response, ensuring smooth web development processes.
- **Team Collaboration and Leadership**: Extensive teamwork and leadership experience are crucial for contributing to collaborative projects and communicating technical requirements.
- **Adaptability and Quick Learning**: Proven ability to rapidly adapt to new technologies and frameworks.
- **Attention to Detail**: A precision-driven approach ensures clean, maintainable code and optimal performance.
- **Resilience and Persistence**: Overcome development challenges through a solution-focused mindset.

Projects

- **GearHeadz (Astro, JavaScript, React, Tailwind CSS):** A static site generator-powered blog platform focused on cars and motorcycles, leveraging Astro's flexibility to seamlessly integrate dynamic components alongside static ones on the same page while maintaining a modern, responsive design.
- **RESTful API (Python, Flask, SQLAlchemy):** Designed and implemented a scalable RESTful API to seamlessly support front-end applications for my projects, ensuring efficient data handling and integration.
- **WebFlix (React, Flask, SQLAlchemy):** A full-stack web application with admin and customer roles featuring CRUD operations, user authentication, and responsive design.
- **Looney Tunes (React, Flask, SQLAlchemy):** Built a CRUD application integrating a Flask backend with a React frontend, focusing on validations, data serialization, and RESTful API development.
- **CLI Artist and Album Project (Python, SQLite):** Developed a CLI tool for manipulating database data, gaining proficiency in Python, ORM, and UI design with the Rich library.

Experience

Firefighter/Emergency Medical Technician

Chattanooga Fire Department • Chattanooga, TN
04/2018 - 12/2023

- Collaborated with fellow firefighters and emergency responders to execute efficient firefighting and rescue operations, minimizing property damage and saving lives.
- Operated and maintained a variety of firefighting vehicles and specialized equipment, ensuring optimal readiness through regular training and drills.
- Provided first aid to victims and trained new firefighters on safety protocols and equipment usage.

- Evaluated emergency situations to implement effective life-saving strategies and contributed to multi-agency responses.
- Engaged in continuous professional development and community education on fire safety, while participating in post-incident analyses to improve procedures.

Firefighter/Emergency Medical Technician

Orange County Fire Rescue Department • Orlando, FL
12/2015 - 04/2018

- Responded to emergency medical calls, performing life-saving procedures such as CPR and first aid, while documenting incidents in compliance with HIPAA.
- Collaborated with fellow firefighters and emergency responders to execute efficient firefighting and rescue operations, minimizing property damage and saving lives.
- Operated and maintained firefighting vehicles and specialized equipment, ensuring readiness through regular training and drills.
- Evaluated emergency situations to implement effective strategies, contributing to positive outcomes during multi-agency responses.
- Educated the community on fire safety and engaged in continuous professional development, participating in post-incident analyses to improve procedures.

Education

Software Engineering

Flatiron School
05/2024

Fire Standards I & II, EMT

Valencia School of Public Safety • Orlando, FL
08/2016