SHANE ROWLAND

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SUMMARY

Software Engineer with military background. Highly adaptable in any environment. Proven ability to deliver results with tight time constraints and limited resources. Deep love of learning and problem solving. Acquired exceptional verbal, written communication and organization skills through numerous leadership roles while serving on active duty. Acquired coding skills through V School, an intensive, 600+ hour boot camp where I learned industry best practices and practical software development standards with a focus on HTML5, CSS3, JavaScript, Node.JS, React, REST APIs, and MongoDB, where I was invited to return as a teaching assistant. I am excited and eager to tackle more complex challenges and continue to learn new Frameworks, Libraries and Databases.

SKILLS

- **Languages**: HTML, CSS, JavaScript
- **Frameworks**: Node.js, Express.JS
- **Libraries**: React
- **Databases**: MongoDB
- **Authorization**: Bcrypt
- **CICD**: GIT, Render

In a developer role at your company I will…

- Code within company coding standards and styles.
- Write fully automated code tests in adherence to best practices.
- Learn how to leverage the current CICD pipeline in place.
- Build responsive frontend designs to spec per the UX design.
- Build out API routes per RESTful design structure.
- Diligently prioritize multiple projects to ensure timely results.
- Be coachable and accepting of constructive criticism.

EXPERIENCE

V School Coding Bootcamp - Teaching Assistant   **Remote** October 2023 - Present

- Facilitated learning sessions focused on MERN stack (MongoDB, Express.js, React, Node.js), guiding students through hands-on projects and reinforcing core concepts to ensure a solid understanding of full-stack development processes.
- Provided one-on-one mentorship and problem-solving assistance in JavaScript-based technologies, significantly improving students' capabilities in developing and deploying interactive web applications with MERN stack frameworks.
- Assisted students in troubleshooting and resolving complex code issues, reinforcing programming fundamentals and best practices to strengthen their debugging skills and proficiency in MERN stack development.

Caliber Collision - Auto Body Repair Tech   **Phoenix, AZ** 2022 - 2023

- Conducted thorough vehicle inspections to assess damage and estimate repair costs, diligently recording all issues and proposed actions, resulting in enhanced accuracy of repair documentation.
- Utilized advanced repair tools, equipment, and methods to return a diverse range of vehicles to their pre-accident conditions, adhering to strict manufacturer standards.
- Coordinated with insurance companies to expedite the damage estimation process and assisted customers with their claims, making the procedure more customer-friendly and efficient.
- Led team training programs, imparting automotive repair knowledge and best practices, which boosted team productivity by 20%.

U.S Army - Motor Sergeant   **Fort Bragg, NC** 2019 - 2022

- Managed, maintained, and repaired a fleet of over 150 vehicles, achieving maximum operational readiness at all times.
- Scheduled, coordinated, and oversaw preventive maintenance checks and services, cutting vehicle downtime by 30%.
- Led and supervised a team of 20+ junior mechanics, instilling a culture of efficiency, integrity, and teamwork.
- Played a pivotal role in logistics planning and management, ensuring the timely procurement and distribution of spare parts and equipment.

U.S. Army - Instructor   **Fort Lee, VA** 2017 - 2019

- Developed and executed comprehensive training programs for the 91B MOS (Motor Transport Operator) AIT, preparing trainees thoroughly for field operations.

- Managed classroom dynamics effectively, overcoming language and learning barriers, which was reflected in a commendable pass rate.
- Introduced technology into the teaching methodology, which led to a 25% increase in student comprehension and skill application.
- Maintained rigorous training records and handled administrative duties, enhancing the training facility's overall proficiency and operational efficiency.

U.S. Army - Squad Leader   **Fort Bragg, NC** 2012 - 2017
- Led a squad of 12 personnel, overseeing their training, development, and evaluation, and cultivated a culture of high performance.
- Orchestrated and executed multiple high-risk operations, maintaining safety and successfully achieving mission objectives.
- Ensured squad readiness, with all members meeting the U.S. Army's rigorous physical fitness and professional development standards.
- Established and maintained effective communication with the higher chain of command, facilitating the successful execution of strategic objectives at the unit level.

PROJECTS
Weather-or-not(weather-or-not.com)   **Youngtown, AZ** 2023 - Present
Allows users to access current and forecasted weather via Geolocation services to directly access the user's current GPS position. User's may also utilize a search bar to access any city and state. Has the ability to save user searched locations on the user profile for future use. Has the ability to recover username and password via email. In building this web-application, I displayed a working knowledge of HTML, CSS, JavaScript, React.JS, Node.JS, MongoDB, JWT, and RESTful methods to develop frontend design, client-side validations, and the API framework.
- Constructed API following RESTful standards, deploying the tool in a CICD pipeline through Render.
- Addressed authentication and security concerns with JWT tokens, and the Bcrypt library.
- Created accessible, dynamic, and responsive front-end design using HTML wireframes, CSS styling, and eloquent JavaScript.

EDUCATION
V School Coding Bootcamp   **Remote** 2023
Learned industry best practices and practical software development standards with a focus on HTML5, CSS3, JavaScript, Node.JS, React, REST APIs, and MongoDB. Created and deployed mobile-first applications while learning new languages and frameworks by collaborating every week with a senior web developer.