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|  | **Alan George** |  |

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|  | **Full Stack Web Developer with over three years of experience in JavaScript, TypeScript, and Node.js; transitioned from a Critical Care Flight Paramedic role demonstrating adaptability under pressure. Spearheaded the development of six APIs that maintained 99.9% uptime for hundreds of daily users while achieving a 30% speed increase and a 20% reduction in data load time through legacy codebase overhaul. Certified Software Engineer with a commitment to continuous learning and innovative problem-solving approaches in software development.** |  |

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|  | **Websites, Portfolios, Profiles**   * http://www.linked.com/in/alan-e-george/ * http://www.github.com/HWCronicus   **Skills**   |  |  |  | | --- | --- | --- | | * Typescript |  | * JavaScript | | * NodeJS |  | * React | | * NextJS |  | * Electron | | * PostgreSQL |  | * DynamoDB | | * Git |  | * Docker | | * AWS Web Services |  | * Application Development | | * API integration |  | * RESTful APIs |   **Work History**  **Full Stack Web Developer**   |  |  | | --- | --- | | *SimX, Remote* | *July 2022 - November 2025* |  * Orchestrated the development of 4 robust APIs from scratch utilizing Typescript and Node.JS, interfacing with both SQL and No-SQL databases; maintained 99.9% uptime and availability. * Engineered data migration scripts handling over one hundred thousand records between databases securely with zero downtime, allowing seamless updates that increased database integrity when integrating legacy systems into modern architectures. * Overhauled existing codebase for enhanced performance, improving software maintainability; triaged and resolved 15 critical production bugs, ensuring system stability for over 1000+ users. * Pioneered the implementation of 30+ novel features, collaborating with product teams for future products, and accelerate the delivery of enhancements to bi-weekly sprints. * Developed functional databases, applications and servers to support websites on back-end. * Championed automated testing strategy, generating 100+ unit test cases using Jest and Supertest; improved code coverage to 80% and diminished post-release defects by 25%.     **Full Stack Software Engineer**   |  |  | | --- | --- | | *Trainsquare, Remote* | *January 2022 - July 2022* |  * Developed and implemented file storage solution, integrating AWS S3 with .NET and C# API, which reduced file access time by 30%. * Engineered a RESTful API using .NET and C# to interact with SQL database tables, handling 100+ API requests per day. * Designed and built UI components with React.JS and Bootstrap, increasing user engagement by 15%. * Created dynamic user form and survey creation functionality using elements from multiple React.JS libraries to include Formik, Bootstrap, React Bootstrap, and Yup. * Performed development, debugging, optimization and automation to support implementation of products and applications.     **Critical Care Flight Paramedic**   |  |  | | --- | --- | | *United States Army, Savannah, United States* | *April 2008 - January 2022* |  * Performed wide range of specialized functions and complex assessments, diagnoses, therapies and emergency treatment of patients transported by rotor-wing aircraft. * Provided leadership, delegation and exceptional medical service in high-pressure situations. * Provided emergency medical care and conducted physical exams and interviews to gain medical history and relevant health data. * Maintained team flexibility and embraced change to adapt within dynamic environments. * Treated 30+ patients being transported by air on average each month. * Completed 200 continuing education courses each month to maintain relevant knowledge.     **Education**  Certified Software Engineer in Software Engineering January 2022  Veterans Technology Education Courses (VET TEC), US Army, Remote |  |