William Alexander Forbes

Software Engineer

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Work Experience:

Russell Sigler, (Remote), Tolleson AZ

(Jan 2023 - Present) ***Lead Application Developer***

➔ Provide lead development on core microservices-based CRM application.
➔ Utilize Next.js/React, Material-UI, TypeScript, Node.js/Express, and more.
➔ Coordinate project transition from 3rd party vendor to in-house support.
➔ Orchestrate infrastructure migration from AWS to On-Premises hosting.

JT4 LLC., (AFTC) Edwards AFB CA

(Mar 2022 - Jan 2023) ***Programmer II***

➔ Provide principal fullstack development on a Vue3 and Django web app.
➔ Architect an enterprise app solution serving multiple USAF bases.
➔ Administer multiple installations of legacy C#/WPF/SQL software.
➔ Awarded 'Employee of the Quarter' (Q3 2022).

IntegrITS Corp., (416th FLTS) Edwards AFB CA

(Jan 2020 - Mar 2022) ***Programmer II***

➔ Principal developer on a Vue2 web app integrated with SharePoint API.
➔ Configure SharePoint 2019 solution and implement JSOM API interaction.
➔ Support development on a C# / WPF desktop app with SQL Server 2019.
➔ Awarded 'Team of the Year 2020', 'Team of the Quarter (Q4 2020)', and more.

IntegrITS Corp., (412th CS) Edwards AFB CA

(Dec 2018 - Jan 2020) ***Configuration Specialist***

➔ Produce modern software process documentation for multiple Agile teams.
➔ Perform in-depth security vulnerability analysis on critical applications.
➔ Provide process improvement consultation for software testers.

AV Web Designs, Lancaster CA

(2017) ***Web Developer***

➔ Develop frontend and backend code on dozens of production websites.
➔ Implement WCAG & Section508 web accessibility compliance optimizations.
➔ Develop intranet utilities for managing site data and FTP stats.

College Education:

(2019-2023) Western Governors University, Salt Lake City UT
    Bachelor of Science in Software Engineering
(2018) Antelope Valley College, Lancaster CA
    Computer Science & Mathematics Coursework
(2011-2013) Spokane Falls Community College, Spokane WA
    AA-DTA in Computer Science

Certifications:

Active US DoD Security Clearance (2019 - 2029)
AWS Certified Cloud Practitioner (2023)
CompTIA Project+ (2022)
CompTIA Security+ (2019)
Vue.js Expert level RoleIQ score (223 - 89th percentile), PluralSight.com (2022)
ITIL 4 Foundation Certificate in IT Service Management (2022)
FreeCodeCamp - Responsive Web Design Certificate (2021)
CIW Site Development Associate (2020)

Tech Experience:

Programming Languages:
TypeScript / JavaScript, Java, C#, PHP, Python
Front-end Web: Next.js, MaterialUI, React; Vue.js, Vuetify, Quasar, Nuxt.js; jQuery, Bootstrap, IndexedDB
Back-end Web/CMS: Node.js/Express.js, Django/DRF, .Net MVC, Laravel, Wordpress
Database: PostgreSQL, MSSQL, MySQL, MongoDB, Redis
Design: Figma, Photoshop, Illustrator, paint.net, Inkdrop
Src/Doc: Github, Gitlab, Sourcetree, JIRA, Trello, TFS, TortoiseSVN
Utility/Admin: Docker, GitlabCI, SonarQube, SSMS, DBeaver, Studio3T, SwaggerUI, Postman, XAMPP, PhpMyAdmin, PuTTY, FileZilla