Alan Banks

Full Stack Software Engineer - (Secret Clearance)

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TECHNICAL SKILLS

Languages:	TypeScript/JavaScript, GoLang, Python, Java
Web Technologies:	React/Redux, Vue, CesiumJS, Sencha/ExtJS, NodeJS, HTML/CSS, REST, GraphQL
Databases:	PostgreSQL, MySQL, MongoDB, SQLAlchemy, Redis
Certifications:	AWS Certified Cloud Practitioner
Other:	Docker, Git, Bash/Linux, Unit/Integration Tests, Azure DevOps, Jira, Agile/Scrum

EXPERIENCE (3+ years)

Accenture - Tampa, FL / remote   March 2022 - Present
Full Stack Developer
Worked with a large team to improve and maintain a 2D/3D Geospatial Web Application, utilized by the United States Special Operations Command (USSOCOM).
- Led the redevelopment effort of a measurement tool. Added dynamic capabilities and improved rendering performance by 400% through data structure optimizations and component refactoring.
- Displayed an ability to lead when team leads were not available (leading Standup/Scrums).
- Documented the migration from legacy Sencha/ExtJS into React JS components, improving rate of app modernization.
- Maintained > 85% code coverage. Unit testing and modular testing via dependency Injection.

Peraton - Tampa, FL   June 2021 - February 2022
Junior Software Developer
Collaborated with developers within a USSOCOM Program to architect, maintain, and test applications tailored for the Department of Defense (DoD).
- Recognized as a top performer within a team of 10 junior developers.
- Spearheaded the development of a Proof of Concept (POC) full-stack onboarding web application for USSOCOM. Employed Python, PostgreSQL for the backend, and Vue.js for the frontend.
- Successfully led and delivered 2 MVP/product demos, showcasing strong communication and presentation skills.
- Improved querying efficiency for legacy applications and contributed to the migration of legacy REST-based backend architecture to GraphQL.
- Provided coaching and mentorship to developers through code reviews and training sessions, enhanced the overall team proficiency in programming methodologies.

Global Impact - Alexandria, VA   August 2020 - December 2020
Software Application Developer - Intern
Developed, maintained and tested public facing web portals for the non-profit sector.
- Enhanced the security of Global Impact's web portals and applications by integrating Multi-Factor Authentication (MFA) and Session Timeouts.
- Optimized Rails backend SQL database queries, and refactored data structures/models to speed up legacy search/filter tools.
- Built a custom mailer tool for customers utilizing AngularJS and Twilio SendGrid API.
- Designed automated tests using Selenium and Cucumber frameworks.

EDUCATION

University of Maryland Global Campus   August 2018 - June 2021
- BS in Computer Science

Bowdoin College   September 2014 - May 2018
- BA in Music