JONATHAN E. JO

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PROFESSIONAL EXPERIENCE

USAA   **San Antonio, TX**
Software Engineer   *June 2023 – Present*
- Developed and maintained **OpenL rules** for the Bank Eligibility Profile Verification system, integrating them with internal **REST APIs** and supporting the migration of legacy services to **AWS Cloud**.
- Migrated the Profile Recovery Reconciliation project from **JBoss** to **AWS**, ensuring **regulatory compliance** and reducing reliance on legacy infrastructure.
- Enhanced the Profile Verification Web Takeover page, improving reliability and ensuring a seamless customer experience during critical verification flows.
- Maintained system health and security by managing dependency upgrades, remediating vulnerabilities, and implementing code improvements, while ensuring quality through **CI/CD pipelines**, **automated testing (unit & Cypress)**, and Agile development practices.

Software Engineer 1   *June 2021 – June 2023*
- Designed and implemented custom **Salesforce applications**, streamlining workflows and enhancing user experience.
- Configured Salesforce objects, fields, workflows, and validation rules to optimize operations, applying **Agile development practices**.
- Led the **Twistlock vulnerability remediation initiative**, conducting security assessments, prioritizing fixes, and coordinating implementation.
- Collaborated in **Git-based workflows**, peer code reviews, and continuous integration efforts.

People Tech Group   **Bellevue, WA**
Software Engineer Intern   *Nov 2019 – Dec 2019*
- Developed a full-stack MEAN web application game, applying best practices in design and deployment while contributing to Agile workflows through code reviews and pair programming.

PROJECTS & OUTSIDE EXPERIENCE

Andromedia – Built a **YouTube** clone (Rails, AWS S3, Redux, HTML media components)
- Built a YouTube clone with a Rails backend, integrating AWS S3 for media storage and implementing Redux with custom HTML media components for enhanced playback.

Ultimate Catch – Fishing-themed **Instagram** (React, Redux, Google Maps API, Weather API, SQL)
- Developed a fishing-themed social platform with a scalable React-Redux front end, integrating Google Maps and Weather APIs for location-based features, and optimized database performance by eliminating N+1 queries using SQL & Active Record best practices.

EDUCATION

App Academy   **San Francisco, CA**
Full Stack Web Development Certification   *July 2020*
Seattle Pacific University   **Seattle, WA**
B.S. Computer Science   *June 2019*

SKILLS & INTERESTS

Programming & Frameworks: Java, JavaScript, Python, Ruby on Rails, React, Redux, OpenL, Salesforce
Cloud & DevOps: AWS, CI/CD pipelines, Git, Docker, Kubernetes, Terraform
Databases & APIs: SQL, MongoDB, REST APIs, Microservices
Testing & Methods: Cypress, Unit Testing, Test Automation, Agile (Scrum, PI Planning), Security & Vulnerability Remediation