# Steven E. Newton

## Summary

Polishes old code, understands business needs, leads agile teams, mentor for junior programmers, detangles knotted processes, tackles tough problems, jack-of-all-languages, defuses crises with humor.

## Skills

* Skills: Working with legacy/heritage code, bug finding and fixing, and quick problem solving
* Languages: Go, Java, JavaScript/ES6, Ruby, and Perl
* Frameworks and Persistence: Passport.js, Gorilla-Mux, Dropwizard, Redis, PostgreSQL, MongoDB, and MySQL
* OS and environments: Linux, OS X, AWS, docker, and Kubernetes
* Coding environments: VS Code and IntelliJ
* Tools: Git, Maven, CircleCI, Jira, and Cucumber

## Experience

### Senior Software Engineer & Consultant // Eliassen Group; Remote 08.2022 - 07.2023

#### Client: Alaska Airlines - Check-in Modernization Program

### Team Lead & Senior Software Engineer // Xandr; Portland, OR 10.2018 - 05.2021

UXUA: Universal Xandr User Authentication

* Extended single sign-on across all customer-facing applications with SAML and OpenID Connect
* Federated identity management, identity mapping, and account mapping
* Environments: auth0, SAML2, OIDC, docker, Kubernetes, and Dropwizard

### Senior Software Engineer & Consultant, Xandr (Formerly AppNexus) Portland, OR

AppNexus Console

* Extended single sign-on across all customer-facing applications with SAML and OpenID Connect
* Federated identity management, identity mapping, and account mapping
* Environments: auth0, SAML2, OIDC, docker, Kubernetes, and Dropwizard

### Software Engineer // Treetop Commons, LLC; Portland, OR 02.2017 - 10.2017

* Key Engineer on NobleHour and Collaboratory initiatives, which were software applications in the educational space that connected students with volunteer opportunities
* Implemented Golang based microservices
* Improved the speciation compliance and flexibility of a custom, in-house SAML2 service provider implementation
* Helped identify and reduce technical debt while maintaining rapid release schedule meeting customer needs
* Provided key feedback to product and customer success teams for responding to complex and demanding customer needs
* Containerized applications Implemented key vagrant vm configurations for developing and testing SAML SSO configurations
* Promulgated standards for developer tests and pre-commit discipline, contributed to improving git flow for development process
* Environments: Go, SAML2, Cucumber and Gherkin, Vagrant, Docker, Gorilla-Mux, nginx, Git, AWS, Redis, PostgreSQL, Logstash, Elasticsearch and Kibana, Jira, and CircleCI

### Lead Software Engineer // Janrain, Inc.; Portland, OR 7.2012 - 04.2015

* Team Lead for Social login platform, built on a variety of technologies and deployed on AWS
* Migrated Java Spring application persistence layer from Amazon SimpleDB to Redis
* Raised uptime of key component to five 9s
* Release planning in collaboration with product manager
* Assisted in migration of backend services to Scala microservice architecture
* Environments: Java 7, Tomcat, Spring, Scala, Spray, Ruby, nginx, Git, sbt, Jenkins, Puppet, AWS, Redis, and PostgreSQL

### Lead Software Engineer // Nike; Beaverton, OR 03.2008 - 05.2009

* Key Engineer on the C2CIM project for footwear design and product lifecycle management
* Mentored team of engineering consultants
* Acted as build engineer for complex multi-step build
* Environments: Java, PTC Windchill, Ant, ClearCase, and Spring MVC

### Senior Software Engineer & Consultant // CSG Professional; Portland, OR 04.2004 - 05.2006

* Key Engineer on the “eXPRS” project, managing millions of dollars in state funding for disabled and indigent care recipients
* Developed and maintained automated build system
* Mentored team, modeled best practices and taught effective unit testing tools that improved productivity
* Designed and developed security components
* Led QC transition to maintenance mode
* Resolved J2EE transaction-related problems
* Environments: Java/J2EE, WebSphere, EJB, IBM DB2, Ant, and SVN

### Senior Software Engineer // Standard Insurance Company; Portland, OR 03.2001 - 08.2003

* Worked on various software engineering initiatives
* Developed documentation and bug tracking processes
* Initiated mentoring program for junior engineers
* Enhanced and deployed web framework built on XML with XSLT
* Environments: Java, IBM/Tivoli Security Access Manager, and Ant

### Senior Software Engineer // Qsent, Inc.; Portland, OR 08.2000 - 02.2001

* Developed internal call center routing application
* Key designer of business model objects
* Environments: Java JSP, XML/SOAP, EJB 2.0, and Swing

## Education

### B.A., Journalism // University of Texas at Austin; Austin, TX