

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

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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