Steven E. Newton

Executive Summary

- Polishes old code
- Understands business needs
- Leads agile teams
- Mentors junior programmers
- Detangles knotted processes
- Tackles tough problems
- Jack-of-all-languages
- Defuses crises with humor

Professional Experience

Senior Go Engineer — Eliassen, 8/22 - 5/23

> Alaska Airlines Check-in Modernization Program

Senior Software Engineer, Team Lead — Xandr, 4/19 - 5/21

> UXUA: Universal Xandr User Authentication

Extending single sign-on across all customer-facing applications with SAML and OpenID Connect. Federated identity management, identity mapping, and account mapping

Senior Software Engineer, IGNW — Xandr, 10/18 - 3/19

> AppNexus Console

Implementing single sign-on for a web application with SAML and OpenID Connect

Software Engineer, Treetop Commons, LLc, Portland, OR, 02/17 to 10/17

> NobleHour and Collaboratory

Major contributions include correcting, improving, and stabilizing SAML2 service provider implementation, s3 asset management improvements, refining and expanding cucumber integration tests, and implementing Go-based microservices.

- Improved the spec-compliance and flexibility of a custom in-house SAML2 service provider implemenation
- Implemented key vagrant vm configurations for developing and testing SAML SSO configurations
- Provided key feedback to product and customer success teams for responding to complex and demanding customer needs
- Helped identify and reduce technical debt while maintaining rapid release schedule meeting customer needs
- Maintained test Shibboleth SAML2 IdP
- Expanded and improved cucumber test framework
- Promulgated standards for developer tests and pre-commit discipline.
- Contributed to improving git flow for development process

Lead Software Engineer, Janrain, Inc, Portland, OR, 07/12 to 04/15

Social login platform built on a variety of technologies and deployed wholly on AWS

- Migrated Java Spring application persistence layer from Amazon SimpleDB to redis
- Raised uptime of key component to five 9s
- Team lead for small-medium teams
- Release planning in collaboration with product manager
- Assisted in migration of backend services to Scala microservice architecture

Relevant Skills

Skills Working with legacy/heritage code, Bug finding and fixing, Quick problem solving

Languages Go, Java, JavaScript/ES6, Ruby, Perl

Frameworks and Persistence passport-js, gorilla-mux, dropwizard, redis, major relational databases

OS and environments Linux, OS X, Windows, AWS, Docker, Kubernetes

Coding environments VS Code, IntelliJ, Eclipse

Tools git, maven, CircleCI, Jira, cucumber

Education

University of Texas at Austin
Bachelor of Journalism

Coursework was primarily documentary photojournalism; electives included 20 hours of computers science courses covering algorithms, FORTRAN, Pascal, assembly language, and Prolog