

# Paul Sanderson



## SKILLS (years experience)

Java 8 C# 7 .NET 7 SQL 6 Python 3  
Typescript 7 JavaScript 7 UI/UX 7  
SPA Frameworks 7 Accessibility 5  
API Design 7 Microservices 7 CI/CD 7  
Load Balancing 7 Cache Optimization 7  
Cloud Administration 2 Elastic Search 7  
Project Management 5 Scrum Master 5  
Embedded Systems 2 Computer Vision 2

## INTERESTS

Photography Mountain Biking Guitar  
Spanish Self-Improvement Chess DIY  
Technology Astronomy My Good Dog

## OBJECTIVE

To bring a fresh perspective to a challenging senior software development role in an innovating field.

## EDUCATION

### Bachelor of Science in Computer Science Professional Option with Honors

Montana State University

September, 2007 – December, 2011  
Bozeman, MT

## EXPERIENCE

### Senior Applications Engineer

Oracle America, Inc.

January, 2016 – September, 2022  
Bozeman, MT

- ◆ Designed and developed complex web controls as a full-stack developer
- ◆ Focused on security; scalability, reliability, and responsiveness; accessibility, usability and reusability
- ◆ Optimized asynchronous web requests, data routing, and load balancing, caching and expiration
- ◆ Wrote browser automation scripts, full-stack integration tests, load tests, unit tests
- ◆ Maintained and improved CI/CD pipeline and processes, built and shared productivity tools
- ◆ Coordinated cross-team projects, reviewed code changes, trained new devs, managed team scrum role

### Cloud Administrator

United States Geological Survey

August, 2015 – January, 2016  
Bozeman, MT

- ◆ Implemented Virtual Private Clouds on AWS for internal sites across the USGS
- ◆ Automated AWS management tools with bash and Python scripts
- ◆ Developed JSON library for generating custom Virtual Private Clouds using CloudFormation
- ◆ Managed AWS assets like EC2, S3, ELB, EBS, SNS
- ◆ Defined intake process for user data
- ◆ Met requirements for a wide range of stakeholders in a fast-paced, agile strategy

### Software Developer

Computers Unlimited

January, 2012 – August, 2015  
Billings, MT

- ◆ Worked closely with QA team members to develop and refine new features
- ◆ Provided custom code and data hot-fixes to customers with rapid turn-around
- ◆ Mentored developers through code reviews, pairing, and brainstorming
- ◆ Provided detailed designs, estimates, and reviews for major projects
- ◆ Drafted thorough test plans, documentation, and readmes

### Android Application Developer

Future Farm

May, 2011 – September, 2011  
Bozeman, MT

- ◆ Independently built and launched complex Android application from scratch
- ◆ Optimized UI and data for efficiency and responsiveness
- ◆ Designed UX to be intuitive and interesting
- ◆ Collaborated with graphic designer to stylize application
- ◆ Incorporated Google Ads and Google Maps with custom overlaid user interface

### Software Tester

Naval Undersea Warfare Center

May, 2010 – September, 2010  
Keyport, WA

- ◆ Worked independently to load-test reporting web server
- ◆ Wrote automation scripts to simulate realistic use-cases
- ◆ Iteratively gathered data and configured server to respond better to peak demand
- ◆ Confirmed updates and new features were performant and scalable