

Paul Sanderson



SKILLS (years experience)

Java **10** C#/.NET **10** SQL **10** UI/UX **10**
Cloud Infrastructure **8** Microservices **7**
SPA Frameworks **7** Accessibility **7**
API Design **7** Microservices **7** CI/CD **7**
Load Balancing **7** Cache Optimization **7**
Elastic Search **7** Python **5**
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 components as a full-stack developer in a Cloud architecture
- ◆ Routinely wrote SQL, Java, C#, Python, Typescript, and a range of front-end templating libraries
- ◆ Focused on security; scalability, reliability, and responsiveness; accessibility, usability and reusability
- ◆ Built out and managed OCI assets and containers, load-balanced requests between microservices
- ◆ 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 AWS Virtual Private Clouds for organizations across the USGS
- ◆ Automated management of AWS assets with bash and Python: VPC, EC2, S3, ELB, EBS, SNS
- ◆ Developed JSON library for generating custom VPC's using CloudFormation
- ◆ Streamlined onboarding process by aligning data sources and structures across organizations
- ◆ Met requirements for a wide range of stakeholders in a fast-paced, agile strategy

Software Developer

Computers Unlimited

January, 2012 – August, 2015
Billings, MT

- ◆ Helped pivot legacy products to C#/ASP.NET while persisting MS SQL DB's, wrote complex SPROC's
- ◆ Learned a wide range of complex business logic: BI, P&R, AP/AR, Inventory, Credit, Contracts, Rentals
- ◆ Provided custom code and data hot-fixes to customers with rapid turn-around, sometimes on-call
- ◆ Worked closely with QA team members to develop and refine new features
- ◆ Mentored other developers through code reviews, pairing, and brainstorming
- ◆ Drafted thorough design plans, test cases, work estimates, code reviews, and user documentation

Android Application Developer

Future Farm

May, 2011 – September, 2011
Bozeman, MT

- ◆ Independently built and launched complex Android application from scratch
- ◆ Optimized loading of large datasets for responsiveness and bandwidth
- ◆ Designed UI/UX to be intuitive and interesting, like via complex search filters and a favorite feature
- ◆ 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 up to 10,000 concurrent users
- ◆ Wrote automation scripts to simulate real-world use-cases
- ◆ Iteratively gathered data and configured web server to better respond to peak demand
- ◆ Organization was able to save hundreds of thousands in licensing fees once transition was proven safe