

# JON PETERSON

916.792.7338 | Denver, CO | [jon@jonpeterson.dev](mailto:jon@jonpeterson.dev) | <https://www.linkedin.com/in/jonpetersondev/>

## SENIOR SOFTWARE ENGINEER

### Test-driven Development | Project Architecture | Developer Experience

Senior engineer with 5 years of professional experience building high performance data pipelines. Driven by a joy for problem solving: learned code as a hobby and built tools ranging from math solvers to a full webcomic CMS prior to formal learning. Fosters team cohesion and produces clean, maintainable code. Seeking a role where I can produce innovative and engaging user experiences.

### CORE COMPETENCIES

---

NodeJS | TypeScript | SQL | Github Actions | Jira | Confluence | Hexagonal Architecture | Docker | Bash/Zsh | Ruby | Rails | HTML | CSS | Python | PHP  
AWS: Lambda | Step Functions | RDS | CDK/CloudFormation | API Gateway | AppSync | S3 | EC2/ECS

### EXPERIENCE

---

#### GUILD INC | DENVER, COLORADO

##### Senior Software Engineer

2021 - 2024

Produced data pipelines to extract/transform/hydrate/load partner data from disparate file structures to internal standardized services. Led the evaluation and selection of infrastructure and platform technologies within a collaborative team environment. Proposed strategic recommendations, which consistently received acceptance due to their effectiveness. Utilized both event-driven and direct-write interfaces as appropriate, maintaining high performance and data consistency.

##### Key accomplishments

- Enhanced developer productivity and precision by architecting and implementing CI/CD workflows, developing CLI tools, and integrating platform automations. Significantly reduced operational overhead (~1.5hr/week/person) for team members, leading to more efficient daily tasks and improved accuracy.
- Developed data pipelines for ingesting daily high-volume partner deliverables (~1m rows/min) into a microservice ecosystem.
- Proposed and implemented libraries for managing throughput and proactive rate limiting when calling external services. Emphasized easy-to-understand interfaces and strong documentation that eased adoption by additional teams.

#### Backend Engineer

2019 - 2021

Developed substantial portions of a complete rewrite of data ingestion systems, adapting from synchronous processes to a new event-based ecosystem.

##### Key accomplishments

- Created CRUD APIs to ingest and expose partner data, maintaining versioned history of previously ingested data and the ability to reprocess and replay ingest transactions.
- Proposed and implemented modular, configuration-driven tooling for mapping structured nonstandard data into standardized internal data structures

**GLACIER BANCORP | BOZEMAN, MONTANA****Customer Support Specialist****2015 - 2019**

Position predates career transition to software development. In addition to normal duties, worked closely with internal business application teams and external software vendors to maintain software tools. Assisted in generating effective tickets by comprehensively troubleshooting and isolating identified issues. Earned access to restricted logging and debugging tools to further assist with these activities.

**ADDITIONAL RELEVANT EXPERIENCE**

**WGR Southwest, Inc:** Technical Assistant (client website maintenance)

**EDUCATION**

---

**Associate of Science: Web Development** | Turing School of Software and Design/Denver, CO