

ERNIE BRODEUR

Portland, Oregon | (253) 328-0328 | ebrodeur@ujami.net | LinkedIn | GitHub

Senior Backend Engineer

PROFESSIONAL SUMMARY

Backend developer with 7+ years of Ruby and Rails experience building APIs, migration tooling, test suites, and production services. Leads teams, improves query performance, modernizes legacy systems, and keeps delivery grounded in operational reality.

TECHNICAL SKILLS

Languages & Backend: Ruby, Go, Python, JavaScript / TypeScript, Ruby on Rails, REST APIs, Microservices, RSpec / BDD / TDD

Data: PostgreSQL, MySQL, Redis, SQL query tuning, ORM optimization

Cloud & Delivery: AWS ECS / EC2 / S3 / Lambda, Docker, GitHub Actions / CircleCI, Git workflows / code review

Observability: Splunk, APM / distributed request tracing with Splunk, Dashboards / alerting

Leadership: Technical team leadership, Architecture and code review, Mentoring and training

PROFESSIONAL EXPERIENCE

INDEPENDENT DEVELOPMENT

Backend Developer / DevOps

Remote
Oct 2024 - Present

- Build tools in Ruby, Python, Go, JavaScript, and TypeScript for independent and client work.
- Tune databases and build API integrations for client systems.

GOX LABS

Lead Backend Developer / Technical Team Lead

Remote
Dec 2022 - Sep 2024

- Migrated legacy services to AWS ECS and reduced infrastructure costs during a lean operating period.
- Upgraded Rails 5 to Rails 7 with zero downtime.
- Improved SQL query performance by 25 percent through query and ORM optimization.
- Expanded RSpec coverage with BDD/TDD practices and mentored engineers on Ruby and architecture.

COMCAST TECHNOLOGY SOLUTIONS

Software Developer - Backend

Remote
Jan 2017 - Aug 2019

- Built the MPX SDK and CI tooling in Ruby; the SDK was later released as open source.
- Automated a deployment pipeline, reducing the cycle from six hours to one minute and saving approximately \$300,000 per year.
- Built an RSpec suite with near-100 percent coverage plus Splunk dashboards for production monitoring and alerts.
- Created a transformation engine for cross-account media migration with graph-based dependency resolution.

COMCAST TECHNOLOGY SOLUTIONS

Technical Support Lead

Remote
Sep 2015 - Jan 2017

- Led the support team for high-traffic media services and owned incident response end to end.

THEPLATFORM FOR MEDIA

Application Support IV

Seattle, Washington
Jun 2014 - Sep 2015

- Traced requests across microservices with Splunk and debugged API failures, timeouts, and data inconsistencies.

SELECTED PROJECTS

MCP-Grep

Open-source Python search tool.

Ruby-Beautify

Ruby formatting tool with more than 140 GitHub stars and releases for multiple Ruby environments.

EDUCATION & RECOGNITION

LAKE WASHINGTON TECHNICAL COLLEGE

Associate in Computer Networking Security and Forensics

2007 - 2009

Comcast Starr Award, Feb 2018 - Awarded for an automated deployment system that reduced labor costs by approximately \$300,000 per year.