

EdwinRice

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SUMMARY

Senior Platform Engineer with six years of professional software development experience building cloud platforms, distributed services, and developer infrastructure. Leads critical infrastructure work from architecture through production, including **infrastructure as code**, CI/CD, observability, **incident response**, and **operational automation**. Hands on with AWS, Postgres, MongoDB, Redis, Node.js, queues, caching, and edge delivery for high traffic software products. Makes practical tradeoffs across reliability, performance, security, cost, and **developer velocity**. Improves developer experience through service templates, design reviews, runbooks, technical standards, and mentoring. Product intuition guides platform choices that simplify delivery and support dependable growth across infrastructure and application code. Ready to contribute clear technical judgment, stronger engineering practices, and scalable platform operations.

EXPERIENCE

Senior Platform Engineer

July 2024 - Present

Cascade Developer Systems

Seattle, WA

Owns shared AWS platform architecture, **developer tooling**, production operations, and technical direction for developer facing applications. Leads scaling, reliability, delivery, and database initiatives from design through rollout while mentoring engineers and improving service ownership.

- Standardized AWS service templates with **infrastructure as code** for developer facing applications.
- Separated synchronous workloads from asynchronous processing with queues and Redis caching.
- Redesigned **Node.js CI/CD** workflows with tests, deployment checks, telemetry, and rollback procedures.
- Built dashboards, tracing, alerts, and incident reviews around recurring production failures.
- Directed Postgres capacity migration with staged cutover, **load validation**, and **recovery testing**.
- Mentored engineers through architecture reviews covering security, cost, observability, and service ownership.

Platform Engineer

January 2022 - June 2024

Rainier Software Labs

Bellevue, WA

Built repeatable AWS environments and **platform services** across compute, networking, databases, deployment, caching, and observability.

Connected application and infrastructure work through internal APIs, operational runbooks, design reviews, and production debugging practices.

- Built repeatable AWS **compute**, networking, database, and deployment environments with **infrastructure as code**.
- Implemented edge and Redis **caching** with predictable content invalidation for production services.
- Developed Node.js APIs connecting queues, Postgres, MongoDB, and platform automation.
- Expanded **deployment** automation with validation, integration tests, telemetry, and recovery procedures.
- Created monitoring and runbooks for saturation, queue backlog, latency, and infrastructure health.
- Reviewed application designs and taught distributed system **failure handling** during production investigations.

Software Engineer

September 2020 - December 2021

Soundview Application Works

Tacoma, WA

Developed Node.js backend services and supported AWS delivery for applications using Postgres, queues, caching, automated testing, and production telemetry. Built practical judgment through design reviews, performance profiling, release support, and security focused engineering work.

- Built Node.js backend services with **Postgres** and queue based asynchronous processing.
- Added automated tests and CI checks for consistent validation before deployment.
- Instrumented endpoints with logs and service metrics for **production** troubleshooting.
- Improved slow database queries and **caching** after profiling application paths.
- Supported **AWS** deployment configuration with repeatable release and rollback documentation.
- Contributed design reviews while developing **distributed systems** and **security** judgment.

PROJECTS

Multi Region Platform Scaling 📅 2024

Scaled platform capacity across compute, databases, queues, caching, and edge delivery. Balanced reliability, performance, security, cost, and developer velocity through staged architecture decisions and production validation.

Developer Delivery Automation 📅 2023

Improved CI/CD workflows with infrastructure as code, automated testing, deployment checks, telemetry, recovery procedures, and rollback support for developer facing services.

LEADERSHIP & AWARDS

- Recognized by engineering leadership for dependable ownership of shared platform architecture and production operations.
- Selected as a trusted mentor for architecture reviews, incident learning, and distributed systems troubleshooting.
- Earned team confidence by leading database migration planning, validation, recovery testing, and rollout coordination.

EDUCATION

Bachelor of Science in Computer Science2020

Washington State University GPA: 3.5Pullman, WA

Coursework: Distributed systems, database systems, operating systems, software engineering

CERTIFICATIONS

- AWS Certified Solutions Architect Associate 📅 2025
- AWS Certified Cloud Practitioner 📅 2024

TECHNICAL SKILLS

- **Cloud Platforms:** AWS, multi cloud deployments, customer managed environments
- **Infrastructure as Code:** Terraform, CloudFormation, service templates
- **Databases:** Postgres, MongoDB, database capacity planning
- **Caching Systems:** Redis, edge caching, content invalidation
- **Backend Development:** Node.js, backend services, application code
- **Messaging Systems:** Queues, asynchronous processing, queue backlogs
- **CI/CD Systems:** Continuous integration, continuous delivery, deployment checks
- **Testing Practices:** Automated testing, integration testing, load validation
- **Observability Tools:** Dashboards, tracing, logs
- **Operations:** Incident response, on call practices, production support
- **Reliability Engineering:** Recovery testing, rollback procedures, failure handling
- **Platform Architecture:** Distributed systems, platform services, developer tooling

SKILLS

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|--------------------------|---------------------|-----------|----------------|
| • Cloud infrastructure | • Observability | • MongoDB | • Edge systems |
| • Infrastructure as code | • Incident response | • Redis | • Multi cloud |
| • Distributed systems | • Node.js | • Queues | • API design |
| • CI/CD | • Postgres | • Caching | |

PROFESSIONAL AFFILIATIONS

- AWS community participant, sharing practical cloud architecture and production operations knowledge with peers.
- Platform engineering mentor, supporting design reviews, service ownership, and stronger developer practices.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST