

Rick Waterman

Vancouver, WA (Portland, OR Metro or Remote) • LinkedIn: <https://www.linkedin.com/in/rickwaterman>

SKILLS

Languages: TypeScript/JavaScript/Node.js, Python, Go, Ruby, PHP, SQL, Bash, Terraform/HCL, CloudFormation

Frameworks/Libraries: GraphQL, REST, Serverless, Express, AWS SDK, React/NextJS, Astro, Angular, Hugo, Vue, Rails

DevOps: CI/CD Deployments/Automations, Infrastructure as Code, Linux/CLI, Monitoring, Alerting, Observability, Security

AWS: Lambda/Step Functions, ECS, RDS, DynamoDB, Kinesis, SQS, S3, Glue, DMS, Redshift, SageMaker, Bedrock

CERTIFICATIONS

AWS Certified Developer (2023)

AWS Solutions Architect (2020)

EXPERIENCE

SROA Capital, West Palm Beach, FL (Remote)

January 2022 – Present

Cloud Architect Lead (Backend)

March 2025 – Present

- Offshore engineering manager with direct reports, cloud solutions architect, and developer for a large custom CMS storage rental system supporting more than 700 storage rental properties (GraphQL, Lambda, Step Functions, Aurora RDS Postgres, SQS, Kinesis, EventBridge, Connect, and more).
- Architected and collaborated with Data Scientists to create a new serverless API automation that has already led to more than \$1M in additional revenue, while only running against a small set of pilot storage properties
- Designed and implemented company-wide Data Warehouse + Lakehouse (Redshift, Spectrum, S3, Lake Formation, Lambda, Kinesis, AppFlow, Sagemaker, Dbt/Fivetran, GCP). Now adopted by several teams and integrated across APIs.

Senior Software Engineer (Backend)

January 2022 – February 2025

- Tech Lead for Backend and DevOps teams. Led hundreds of successful production deploys without rollbacks.
- Tech Team Scrum Master; owned creation and grooming of Backend, DevOps, and DBA backlogs. Successfully planned and completed thousands of Jira tasks. Paired/mentored daily with engineers. Resolved blockers and disputes.
- Drove DevEx enhancements with fully automated CI/CD pipelines gating every merge with linting, unit, integration, and end-to-end tests in completely isolated API environments in AWS
- Added Observability to APIs with structured logs, traces, alerts, dashboards, and tagging. Eliminated HTTP 5XX across APIs, reduced average API Duration from 3-5 seconds to ~200-400ms.

M Science, Portland, OR (Remote)

January 2021 – July 2021

Software Engineer (Frontend)

- Developed and launched a completely new customer portal site used exclusively by high-net-worth market traders
- Architected and implemented a new company-wide code module system for common functionality and models (React + TypeScript + Rollup + CodeArtifact). Coordinated team training, usage, and adoption.
- Led and performed production deploys for multiple applications on a weekly basis

LegitScript, Portland, OR (Hybrid)

October 2017 – September 2020

Software Engineer (Full Stack)

- Full-stack development specializing in detection, reporting, and prevention of illicit merchant payments for large payment processors at scale (Sumitomo Bank, Stripe, Square, Google, Amazon)
- Implemented high-volume API ingestion pipelines processing millions of requests per day: Data Analyst UI tooling, bulk/cron merchant processors, business-rule state machines, ETLs, auditors, and high-speed data filters
- Stack: TypeScript/Node.js, Angular, Serverless, Aurora RDS, Step Functions, Elasticsearch, SQS, Ruby on Rails

Tryon Creek Software, Portland, OR (On-site)

October 2015 – September 2017

Software Engineer (Full Stack)

- Built visually complex agricultural monitoring frontend tools including geospatial plant-health visualization (Angular, OpenLayers, Mapbox, Express, EC2, S3, Postgres, GIS)
- Spearheaded and launched IoT embedded device software for real-time remote vegetation health monitoring using light, water, temperature, and humidity sensors (PM2, Xbee, Raspberry Pi, Spectrometry cameras/sensors)

EDUCATION

Graduate Prep Program for M.Sc. Computer Science, Portland State University (Portland, OR)

2014 – 2016

Completed 50+ Computer Science Program credits

B.S. Business Accounting, University of Phoenix (On Campus / Taylorsville, UT)

2007 – 2010

Graduated with Honors, Delta Mu Delta