Elizabeth Roberts

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EXPERIENCE

Software Engineer
Commerce Architects

Spokane, WA
Oct 2023 - Present

- Developed ecommerce frontend applications using React, TypeScript, and Next.js. Implemented state management solutions using Jotai and query management with React Query.
- Built and maintained custom backend APIs using Java and Spring Boot.
- Integrated and managed third-party APIs to extend application functionality.
- Managed AWS infrastructure using Terraform, provisioning and configuring AWS resources such as API Gateway, ECS, Cloud Map, Cloudwatch Alarms, Route 53, and Lambda
- Deployed and managed containerized Java/Spring Boot applications with ECS (Elastic Container Service) and ECR (Elastic Container Registry)
- Deployed and managed TypeScript/Node.js applications on Lambda and API Gateway.
- Collaborated with cross-functional teams in fast-paced environments, ensuring timely project delivery and clear communication.
- Authored comprehensive documentation on core features and integrations for both internal and external stakeholders.
- Designed architecture diagrams to visualize system designs and feature flows.
- Provided support to team members through pair programming sessions, performing thorough code reviews, and active communication.
- Revamped the training process for onboarding new software engineers.

Software Engineer
Two Barrels LLC

Spokane, WA
May 2022 - Sep 2023

- Used JavaScript, Node.js, and Puppeteer to automate tasks such as form submissions, data scraping, and document processing.
- Built components for web applications using Vue.js, managing state with Vuex and integrating with an internal REST API.
- Developed and maintained scalable and robust Ruby on Rails applications.
- Deployed Ruby on Rails applications EKS-backed Kubernetes clusters, leveraging Docker for containerization, and ECR for secure Docker container image storage.
- Experience utilizing Kubernetes features such as deployments, services, and ingress controllers to manage application resources effectively.
- Optimized Sidekiq job processing using KEDA (Kubernetes Event-Driven Autoscaling) to scale applications in Kubernetes based on Redis queue job volume.
- Managed other AWS infrastructure such as S3 for file storage and Route 53 for DNS routing.
- Designed CI/CD pipelines with Drone CI and GitLab to automate build, test, and deploy processes.

TECHNICAL SKILLS

Languages: TypeScript/ HTML/CSS, Ruby, Java, Python, C/C++

Frameworks/Libraries: React, Angular, Vue, Ruby on Rails, Spring, Node.js

Container Technologies: Docker, Kubernetes, Keda (Kubernetes Even Driven Autoscaling)

Amazon Web Services (AWS): EKS, ECS, EC2, ECR, Lambda, DynamoDB, API Gateway, S3, Cloud Map, Cloudwatch Alarms, Route 53

Tools: Git, Linux, Jira, GitLab, Bitbucket

EDUCATION

Bachelor of Science in Computer Science
Whitworth University
Spokane, WA
GPA: 3.86
Sep 2018 - May 2022

CERTIFICATIONS

AWS Certified Developer – Associate
Mar 2024 - Mar 2027
Amazon Web Services (AWS)