

Ranika Williams

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SUMMARY

Highly skilled Software Engineer with a strong foundation in full-stack web application development and experience working in cloud-based infrastructure environments. Transitioning expertise from logistics, supply chain, and healthcare industries to excel in the role of **Cloud Engineer**. Proven track record of collaborating within cross-functional teams, implementing cloud-based solutions, and optimizing server performance. Passionate about leveraging cloud technologies to drive efficiency, scalability, and reliability in dynamic environments.

SKILLS

Programming Languages: Ruby, Python, JavaScript, HTML, CSS, TypeScript, PostgreSQL

Technologies: Ruby on Rails, React, Git/Version Control, Docker, Kubernetes, Grafana, GitLab, Jira, ArgoCD, Terraform, Amazon Web Services (AWS), Google Cloud Platform (GCP), REST APIs, Agile Methodologies, Debugging

TECHNICAL PROJECTS

AWS Serverless CI/CD Website (Frontend & Backend) – [ranika-resume.com](https://www.ranika-resume.com) Mar 2024

- Designed and developed a serverless website using AWS services, including S3, CloudFront, Route 53, Certificates Manager, Lambda, and DynamoDB.
- Implemented a serverless S3-hosted static website with an integrated CI/CD pipeline for deploying front-end and back-end code.
- Automated back-end infrastructure creation using Terraform and GitHub Actions.
- Leveraged Python Boto3 to automate & serve changes to/from DynamoDB using Lambda.

AWS Three-Tier Web Application Apr 2024

- Deployed and hosted a highly available WordPress application using Amazon EC2, RDS, Route 53, VPC, SNS, EFS, Application Load Balancer, and Autoscaling Groups.
- Built a resilient Virtual Private Cloud (VPC) architecture spanning multiple availability zones, enhancing system reliability and fault tolerance.
- Implemented security measures, including Security Groups, IAM roles, and Certificate Manager to safeguard data integrity and ensure compliance with industry standards.

EXPERIENCE

Flexe Seattle, WA (Remote) Software Development Engineer Jan 2021 - Aug 2023

- Contributed as a full-stack engineer on the dynamic "Pack to Depart" team, delivering high-impact features for an omnichannel platform.
- Collaborated with cross-functional teams to design, deploy, and maintain cloud-based solutions using GCP tools and services, including Google Kubernetes Engine (auto-scaling), Cloud Scheduler (cronjobs), Pub/Sub, Firebase
- Implemented server scaling strategies in a cloud-based environment, reducing server downtime by 30% and enhancing web application performance.
- Developed a self-service scheduling tool for warehouse operations, enabling 100+ clients to manage inventory efficiently using wave and batch scheduling, enhancing operational flexibility.
- Streamlined client support operations by building intuitive internal support tools with Ruby on Rails (ActiveAdmin), resulting in a 95% reduction in on-call issues for the development team.
- Engineered Android apps with Kotlin, optimizing performance and user experience.
- Contributed to developing and maintaining standard "run book" procedures for the engineering teams, fostering operational efficiency and knowledge sharing.
- Enhanced system reliability by establishing metrics and alerting mechanisms for continuous monitoring and timely issue identification.

UT Southwestern Medical Center Dallas, TX Certified Medical Assistant Aug 2013 - Dec 2019

- Managed a fast-paced ambulatory clinic, overseeing 50+ patients daily and fostering a patient-focused environment across 7 clinics through effective team collaboration.
- Trained 20+ new clinical staff, improving patient safety and achieving 95% satisfaction in clinic surveys.
- Optimized office processes by managing medical software and workflows, leading to a 20% increase in efficiency and higher patient satisfaction.

EDUCATION & CERTIFICATIONS

AWS Certified Solutions Architect - Associate (SAA-C02) - Amazon Web Services (AWS) Apr 2024 Flatiron School - Software Engineering, Full Stack Web Development, Ruby on Rails, JavaScript Jul 2020