

Ranika Williams

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SUMMARY

Highly motivated and detail-oriented **Cloud Engineer** with hands-on experience managing complex cloud environments for high-traffic websites and applications. Skilled in Software Engineering, DevOps methodologies, and automation tools such as Ansible and Terraform, with a proven track record of collaborating within cross-functional teams, implementing cloud-based solutions, and improving system performance and uptime. Passionate about learning, problem-solving, and 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/Confluence, ArgoCD, Terraform, AWS, Google Cloud Platform (GCP), REST APIs, Agile Methodologies, Debugging

TECHNICAL PROJECTS

AWS Serverless CI/CD Website (Frontend & Backend) – ranikaresume.com

Mar 2024

- Deployed a serverless website using AWS S3, Route53, Certificate Manager, CloudFront, Lambda, and DynamoDB.
- Built and automated a CI/CD pipeline 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 high-availability WordPress application using Amazon EC2, RDS, Route 53, VPC, SNS, EFS, Application Load Balancer, and Autoscaling Groups.
- Designed a multi-AZ VPC architecture to enhance system reliability and fault tolerance.
- Implemented security measures with Security Groups, IAM roles, and AWS Certificate Manager.

AWS Web Application with Terraform & Docker

May 2024

- Deployed and managed a scalable web app using Amazon S3, RDS, Route 53, VPC, Application Load Balancer, Autoscaling Groups, ECS Fargate, and ECR with Terraform and Docker for containerization.
- Designed multi-AZ VPC with public/private subnets, Internet Gateway, and NAT Gateway for enhanced reliability.
- Ensured security and compliance using Security Groups, IAM roles, and Certificate Manager.

EXPERIENCE

Flexe

Seattle, WA (Remote)

Software Development Engineer

Jan 2021 - Aug 2023

- Contributed as a full-stack engineer on the "Pack to Depart" team, delivering high-impact features for an omnichannel platform.
- Collaborated within Agile teams to design, develop, test, deploy, and proactively maintain cloud-based solutions leveraging Google Cloud tools and services.
- Specialized in auto-scaling resources, CronJob provisioning, and optimizing Pub/Sub message management.
- Implemented server scaling strategies in a cloud-based environment, reducing system downtime by 30% and enhancing web application performance during peak traffic.
- 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 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-C03) - Amazon Web Services (AWS)

Apr 2024

Flatiron School - **Software Engineering, Full Stack Web Development, Ruby on Rails, JavaScript**

Jul 2020