Ryan Bynoe

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CAREER SUMMARY

Experienced Data Analyst pivoting to a Cloud Engineer role, specializing in cloud infrastructure design, CI/CD pipeline management, and automation within AWS and Azure environments. Skilled in deploying scalable, secure cloud solutions using Terraform, Docker, and Kubernetes, with a strong focus on cost optimization, security best practices, and compliance. Known for implementing automated workflows, supporting critical SaaS and IaaS applications, and collaborating with cross-functional teams in agile environments. Detail-oriented and innovative, I am dedicated to enhancing cloud efficiency, security, and scalability to support business growth and streamline operations.

SKILLS AND STRENGTHS

- **Cloud Engineering & Cost Optimization:** AWS Certified Solutions Architect Associate with over 4 years of experience managing cloud environments in AWS (EC2, S3, IAM) and Azure, focusing on resource optimization and cost management.
- **CI/CD Pipeline Development**: Engineered and maintained CI/CD pipelines using Jenkins, Docker, Kubernetes, and GitHub Actions to streamline deployment processes and ensure reliability in production environments.
- **Cloud Security & Compliance:** Proficient in implementing access controls, identity management, and encryption practices to safeguard cloud environments and maintain regulatory compliance.
- **Infrastructure as Code**: Extensive experience designing and deploying infrastructure using Terraform and Ansible, enabling consistent, automated infrastructure management.
- **Monitoring & Logging:** Experienced with monitoring tools like Kibana, Prometheus, ELK stack, and Azure Monitor for real-time performance insights and proactive incident management.
- **Linux Administration & Scripting**: Familiar with Linux OS (Ubuntu, CentOS) and scripting languages, including Python, Bash, and PowerShell for automation and system configuration.

RELEVANT KEY PROJECTS

- **Multi-Cloud Infrastructure with Terraform**: Created and managed a multi-cloud infrastructure across AWS and Azure, utilizing Terraform to maintain IaC and GitOps with GitHub Actions and Argo CD. Deployed a Dockerized Mario game to AKS, establishing automated security and functionality checks. Optimized resource allocation to reduce costs by 20%, while enhancing deployment efficiency by 30%.
- **Containerized Application Deployment:** Implemented a voting application using Docker and Kubernetes, with components for a Python-based front-end, Redis, .NET worker, and Node.js for real-time updates, highlighting cross-functional collaboration and orchestration capabilities.
- **Scalable Database Solutions:** Designed a scalable database using AWS DynamoDB with auto-scaling configurations, optimizing for high availability and varied workloads.

PROFESSIONAL ACCOMPLISHMENTS

- **Led quality control initiatives** for 34 AWS-powered SAP cloud reports, ensuring data integrity and fostering collaborative DevOps efforts, resulting in a 25% reduction in data discrepancies and improved audit readiness.
- **Managed Oracle ERP data** for 12 plants, overseeing customer/product data, delivering staff training, and troubleshooting issues, resulting in a 20% increase in data accuracy and operational efficiency.
- **Coordinated and prioritized multiple complex projects**, demonstrating strong multitasking abilities and achieving on-time delivery across 100% of project milestones.
- **Quarterly presented collaborative project updates** to team and leadership, highlighting goals, significance, challenges, and key lessons learned to drive continuous improvement and team alignment.

WORK HISTORY

Altium Packaging, Atlanta, Georgia, Data Analyst, (04/2022)-Present
Anthem, Inc, Atlanta, Georgia, Data Entry Specialist, (11/2018) -(04/2022)
Minos Labs, Remote, Cybersecurity Analyst Intern, (06/2021) -(12/2021)
Delaware North, Atlanta, Georgia, Seasonal System Administrator, (07/2021) -(09/2021)

EDUCATION AND CERTIFICATIONS

Bachelor of Computer Science *Data Networking & Security*, 2021, Liberty University, Lynchburg, Virginia
AWS Solutions Architect- Associate, 2025, Amazon Web Services
Azure Fundamentals, Microsoft
Security+, 2024, CompTIA

INTERESTS

- **Industry Engagement:** Manage a Medium blog to share cloud and cybersecurity project insights, regularly publish project walkthroughs on LinkedIn, and actively network with experienced Cloud professionals to build industry connections.
- **Professional Development:** Continuing education through KodeKloud and Udemy courses in cloud and cybersecurity.
- **Technical Hobbies:** Built a high-performance custom PC by selecting and assembling compatible components from Microcenter, optimized for gaming and multimedia processing needs.