

BRIAN GALEANO

Atlanta, GA, 30327

GitHub: <https://github.com/bgcodehub>

LinkedIn: <https://www.linkedin.com/in/briangaleano/>

Portfolio: <https://briangaleano.com/>

SKILLS

- **Cloud and DevOps:** Proficient in cloud platforms (AWS, Azure, Google Cloud), with extensive use of DevOps, Infrastructure as Code (IaC), and configuration management tools (Git, Docker, Kubernetes, Terraform/CloudFormation, Ansible/Chef/Puppet). Strong foundation in Linux system administration.
- **Programming and Scripting:** Python, JavaScript, Java, Bash scripting for automation and backend.
- **Database, Monitoring, and Networking:** Manage and operate SQL and NoSQL databases, use monitoring tools like Prometheus and CloudWatch, and possess a deep understanding of networking protocols and technologies (TCP/IP, DNS, DHCP, HTTP, VPN).

CERTIFICATIONS

- **2023:** AWS Cloud Practitioner, AWS Solutions Architect - Associate, AWS Developer - Associate, HashiCorp Certified Terraform Associate

CLOUD EXPERIENCE

Kubernetes Deployment on AWS EKS

Personal Project

- Deployed a multi-tier web architecture on AWS EKS, ensuring seamless scalability and high availability.
- Utilized AWS EKS best practices, reducing infrastructure overhead by 35% and improving cluster management.
- Containerized web and application layers using Docker, accelerating deployment processes, and ensuring consistent environments, resulting in a 45% increase in deployment speed.
- Automated EKS resource provisioning and scaling, achieving a 20% decrease in resource waste.
- Refined the AWS networking setup by customizing VPC configurations, Security Groups, and integrating EKS-specific Gateways for enhanced security and connectivity.
- Streamlined incident resolution by 20% with AWS CloudTrail and CloudWatch analysis.

AWS – Three-Tier Web Architecture

Personal Project

- Deployed a scalable three-tier architecture on AWS, optimizing resources and enhancing system availability.
- Utilized AWS services (ALB, EC2, Aurora, IAM, Route 53) to boost application performance by 40%.
- Improved web application scalability and security by segregating responsibilities.
- Implemented React.js on Nginx web servers and integrated Node.js with Aurora MySQL, enhancing UX by 40%.
- Automated tasks like load balancing and auto-scaling, increasing uptime by 30%.
- Used Bash and Python for system administration, enhancing production environment support.
- Streamlined incident resolution by 20% with AWS CloudTrail and CloudWatch analysis.

PROFESSIONAL EXPERIENCE

Northside Hospital

April 2021 – Current

Software/Cloud Engineer, Atlanta, GA

- **DevOps Integration:** Orchestrated software design, coding, and unit testing in an agile environment, utilizing DevOps practices & tools like Git for version control, leading to efficient, high-quality solutions.
- **Multi-Cloud Infrastructure Maintenance:** Leveraged Kubernetes in a multi-cloud setup across AWS and Azure. Actively maintained and provisioned resources, ensuring optimal resource allocation and minimizing waste. Prioritized resilience, efficiency, and availability in the infrastructure setup.
- **Infrastructure as Code (IaC):** Employed Terraform for infrastructure automation, ensuring consistent and precise provisioning across both AWS and Azure environments in line with healthcare compliance and security standards.

EDUCATION

University of Georgia

Athens, Georgia

BS, Biological Science

University of Oxford

Oxford, England

Study Abroad Program