DADRION TUIRCUIT

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Skills

- IaC | Python | Linux | JavaScript | PowerShell | Terraform | Cloudformation | Node.js | React | API | RDS | DynamoDB |Load Balance | Git
- AWS| Cloud Computing | CI/CD | GitHub Actions | CloudWatch | JSON | YAML |SDLC | Lambda |s3| IAM|EC2|Bash| Agile Methodology
- Microservices | CDN| CloudFront|Route53|Automation| VPC | Serverless | WAF| English, Spanish – *Professional proficiency or above*

Experience

	Farm To Table	*Texas, USA*	**2024 - Current**

Cloud DevOps Engineer (contract)

- Architected and designed cloud infrastructure for 99.99% uptime, ensuring scalability, high availability, and **fault tolerance.**
- Implemented **IaC** with Terraform, automating provisioning and management, and reducing manual configuration errors by 40%.
- Streamlined **CI/CD pipelines,** cutting deployment times by 50% and achieving zero downtime during updates.
- Enhanced security with **AWS IAM**, user roles, and **Cognito,** reducing security incidents by 30%.
- Monitored and optimized system performance with **AWS CloudWatch**, improving response times by 20%.

	Sole Security	*(Remote) USA*	**2021 - 2023**

Cloud Engineer

- Deployed Next.js websites using **S3** and CloudFront with Terraform, achieving 99.9% uptime and a 30% latency reduction.
- Implemented a serverless database and managed Terraform state files, improving deployment reliability and reducing manual errors by 40%.
- **Automated** static asset deployment to S3, cutting deployment time by 50% and enhancing content delivery speed by 25%.
- Integrated Terraform with **CI/CD pipelines**, reducing deployment errors by 45% and streamlining release processes.
- Enhanced security with **IAM roles** and **S3 bucket policies**, decreasing unauthorized access incidents by 35% and improving compliance by 30%.

Solutions Engineer	**The Orchard**	*Lafayette, La, USA*	**2020 - 2021**

- Diagnosed and resolved complex software issues, improving resolution efficiency and customer satisfaction.
- Collaborated with cross-functional teams to address system problems, enhancing communication and problem-solving skills.
- Assisted in software updates and patch management, gaining experience in **version control** and **configuration management**.
- Documented troubleshooting procedures and best practices, contributing to streamlined incident management and process improvements.

Jr. Technical Consultant (Intern)	**T-Mobile**	*New Orleans, La,USA*	**2018 - 2019**

- Provided technical support and solutions to customers, developing skills in problem-solving and client communication.

Projects

- **Terraform Deployment:** Designed/Deployed cloud infrastructure for a food delivery service using AWS services such as **EC2**, **RDS**, S3,and CloudFront, with Terraforbility, security, and scalability.m for **IaC**, to ensure high availability.
- **Backend VPC:** Built a **VPC** with AWS CloudFormation, featuring subnets, ALBs, Security Groups, and S3.
- **Lambda:** Configured and deployed serverless application using AWS Lambda function setup and event-driven architecture.
- **NextJS:** Deployed a Next.js site with Terraform, using S3, CloudFront, and a serverless database for efficient hosting.
- **React Website:** Built a React website for portfolios, featuring interactive and responsive design by leveraging JavaScript.

Certifications

- **AWS Solutions Architect :** proficiency in designing and deploying scalable, highly available, and fault-tolerant systems on AWS, with deep understanding of best practices and architectural principles (**2024 - 2027)**

Education

Bachelor of Arts	**University of Louisiana at Lafayette**	*Lafayette,La, USA*	**2010 -2014**
Cloud Engineering	**Cloud Engineer Academy**	*Houston, TX,USA*	**2022 -2023**