




Durga Kalyan Gandiboyina

Boca Raton, FL

+17542026865 ✉ gdkalyan2109@gmail.com  <https://www.linkedin.com/in/durgakalyan>  <https://github.com/vulkanCommand>
 <https://www.durgakalyan.com/>

Summary

Cloud & AI Engineer with expertise in AWS, DevOps, and serverless computing, specializing in designing and deploying scalable cloud-native applications using AWS Lambda, API Gateway, S3, IAM, and Amazon Bedrock. Awarded the DXC Champ Award for exceptional performance and founded WebX Digital Solutions, delivering cloud-integrated solutions. Experienced in AI-powered file analysis, automation with Terraform and CI/CD pipelines, and cloud security best practices. Passionate about leveraging AI, automation, and cloud technologies to build innovative, high-performance solutions.

Skills

- **AWS (Amazon Web Services):** AWS Lambda, Amazon Bedrock, Amazon S3, API Gateway, AWS IAM, AWS CloudWatch, AWS CLI, AWS DynamoDB / RDS, AWS Route 53, AWS EC2 & Load Balancing, AWS CloudFormation, Terraform, Cloud Computing
- **DevOps & Automation:** Infrastructure as Code (IaC) with Terraform, CI/CD Pipelines, Serverless Application Development, Docker & Containerization, Version Control, Code Collaboration, GitHub, Bash, Watchdog, Jenkins
- **AI & Machine Learning:** Amazon Bedrock, Generative AI, Serverless AI Implementation, AI Deployment on Cloud Platforms
- **Web & App Development:** Python, JavaScript, HTML, CSS, API Development & Integration, Flutter (Dart)
- **Database & Backend:** AWS DynamoDB, Amazon RDS, Serverless Backend Architecture, API Management with AWS API Gateway
- **Cloud Security:** AWS IAM, Network Security, Encryption Standards, Monitoring & Incident Response, Cron Jobs

Projects

1. AI-Powered File Analyzer Web Application

- Developed a serverless AI-powered file analyzer using Amazon Bedrock, AWS Lambda, and API Gateway to process and summarize files, hosted on S3 with DynamoDB integration and IAM security.

2. AWS DevOps Infrastructure Automation

- Built a scalable cloud infrastructure using Terraform and AWS CloudFormation with CI/CD automation via CodePipeline and GitHub Actions, ensuring security, monitoring, and auto-scaling.

3. Cloud-Connected Flutter iOS Application

- Developed a Flutter-based iOS app with AWS Lambda, API Gateway, and DynamoDB, integrating Firebase authentication for a secure and scalable cloud-native experience.

Work Experience

DXC Technology | Associate Professional Software Engineer

Jun 2022 - Aug 2023

Developed and maintained software solutions utilizing .NET and MySQL, ensuring clean code and adherence to client requirements while contributing to comprehensive technical documentation.

- Collaborated with server owners to identify and report over 50 incidents and application server errors per month, ensuring 95% issue resolution within SLA deadlines.
- Optimized application servers on Linux distributions by leveraging object-oriented programming, achieving 100% system uptime and enhancing overall reliability.

Webx Digital Solutions | Web Designer

Jun 2020 - Jan 2022

Managed and delivered web design projects, integrating clean code and user-centric designs into five customized websites for small businesses, ensuring a strong online presence and client satisfaction.

- Launched interactive and optimized digital platforms for businesses by applying advanced web development techniques, driving a 100% increase in client engagement through tailored digital marketing solutions.
- Enhanced project effectiveness with strategic deployment of digital marketing efforts, promoting significant client growth and contributed 75% from my team's side towards business optimization.

Education

Florida Atlantic University

Aug 2023 - May 2025

Master of Science, Computer and Information Sciences, General

NRI Institute of Technology

Jun 2018 - Apr 2022

Bachelor of Technology, Electrical and Electronics Engineering

Certifications

- **AWS Concepts:** Udemy
- **Introduction to Databases & SQL Querying:** Udemy
- **Full Stack Development:** Udemy
- **Ethical Hacking By Zaid Sabih:** Udemy

Achievements

- **DXC Champ Award** | Awarded by DXC Technology for exceptional performance and dedication (FY23, Q4)
- **Innovator of the year 2019** | Awarded by ViBha - Bharataiya Vijnana Mandali in October 2019