

RAGHU BHARGAV NADINTI

+91 - 8328098429 | nadintibhargav@gmail.com | <https://www.linkedin.com/in/nrbhargav/>

ABOUT ME

Experienced Junior DevOps Engineer with over 3 years of hands-on expertise in architecting, automating, and optimizing mission-critical deployments in complex infrastructures. Proficient in leveraging Docker, Terraform, and AWS to design and deploy scalable, reliable, and secure solutions. Skilled in developing and managing CI/CD pipelines, utilizing configuration management tools, and implementing best practices for infrastructure as code (IaC). Additionally, adept in predictive modeling, data processing, and data mining algorithms, with the ability to translate business and functional requirements into highly adaptive and effective deliverables.

SKILLS & TOOLS

- **Cloud Platforms:** AWS Services (EC2, S3, RDS), Microsoft Azure
- **Networking & Security:** Nginx, IIS, VPC, IAM, Route 53, Lambda
- **Infrastructure as Code (IaC):** Terraform, CloudFormation
- **CI/CD Pipelines:** Jenkins, GitHub, GitLab
- **Containerization & Orchestration:** Docker, Kubernetes
- **Monitoring & Logging:** CloudWatch, ELK Stack
- **Programming Language:**
 - Python, SQL, JSON, YAML
 - HTML, JavaScript
- **Software/Tools:**
 - AWS Services, Microsoft Azure, Bit-Bucket, GitHub, GitLab, Jenkins

PROFESSIONAL EXPERIENCE

❖ Programmer Analyst (AWS DevOps) | HTC Global Services PVT Ltd | 05/2021 - 12/2022

- Designed and built scalable, reliable, and high-performance systems and environments to meet business and technical requirements.
- Administered AWS services, including IAM, VPC, Route 53, EC2, S3, CodeBuild, CodeDeploy, Redshift, RDS, ELB, Docker Containers, CloudWatch.
- Developed and automated standard operating procedures to address common failure scenarios, ensuring faster issue resolution and operational efficiency.
- Implemented continuous integration and deployment pipelines (CI/CD) to streamline software delivery and improve system stability.

❖ DevOps Engineer | Innovious IT Services Pvt Ltd | 12/2022 - 08/2023

- Streamlined containerized application deployments using Docker, improving portability and scalability across environments.
- Designed and implemented Infrastructure as Code (IaC) solutions with Terraform to automate the provisioning of cloud resources.
- Configured server monitoring and alerting systems to send email notifications for server downtime and storage capacity thresholds, ensuring proactive issue resolution.
- Optimized CI/CD pipelines and system performance, reducing deployment time and enhancing overall infrastructure reliability.

❖ DevOps Engineer | Hallmark Global Technologies Pvt LTD | 09/2023 - Present

- Performing regular deployments of data to database and application servers, ensuring seamless integration and functionality.
- Automating the testing process of final software products using Python Selenium for efficient and accurate web application validation.
- Performing MySQL database backup and restoration across multiple servers, ensuring data integrity and consistency.
- Maintaining and deploying SQL scripts and SQL Server Report Definition Language (RDL).

PROJECTS

❖ Work-flow Automation (Hallmark Global Technologies)

- ✓ **Automated Build Sync Process:**
 - Developed a **Python-based automation** solution to streamline build sync operations across **application and database servers** hosted on **AWS**.
 - Significantly reduced manual intervention and improved deployment efficiency.
- ✓ **CI/CD Pipeline Integration:**
 - Implemented **GitLab CI/CD pipelines** with self-hosted runners to automate the deployment process.
 - Ensured reliable and consistent build executions across environments.
- ✓ **Server Management and Execution:**
 - Deployed and executed Python scripts on **AWS application and database servers**, managing build syncs effectively.
 - Automated IIS stop/start operations and database script executions.
- ✓ **Reporting and Logging:**
 - Designed **HTML-based report files with UI design** for logging execution details.
 - Enabled easy visualization of process status and error tracking.

EDUCATION

❖ Bachelor of Technology (B.Tech) - Electrical and Electronics Engineering

Aditya Engineering College
06/2017–09/2020

❖ Diploma - Electrical and Electronics Engineering

Aditya Polytechnic College
06/2014–04/2017

CERTIFICATIONS

- ✓ **PGP in Data Science and Machine Learning** – MITx MicroMasters & Intellipaat
- ✓ **Python** - Dr. Angela Yu (Developer and Lead Instructor)
- ✓ **JavaScript Algorithms and Data Structures** - FreeCodeCamp
- ✓ **AWS Certified Solutions Architect Associate** - Neal Davis

HONORS AND AWARDS

- 🏆 **Learn To Innovate** - Innovivi Global Partner of Skydeck **University of California**, Berkeley
- 🏆 **Participation in Drone Development** - BITS Pilani Hyderabad Camp.