**Rayapally Vikash**

**Programmer Analyst | Software Engineering**

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**CAREER OBJECTIVE**

As a results-driven Software Engineer with a year of DevOps Engineering experience, I've successfully transitioned into Cloud Infrastructure. My objective is to secure a challenging role as a Cloud Infra Analyst. I hold certifications in MYSQL and Python (Basics) from Frontlines Edutech Private Limited and HackerRank, respectively. Proficient in Python, AWS (EC2 and S3-BUCKET), MySQL, Jenkins, and Docker, I excel in communication, collaboration, problem-solving, analytical thinking, attention to detail, and organizational skills.

# CORE COMPETENCIES

* Cloud Infrastructure
* DevOps Engineering
* Python Programming
* AWS Services
* MySQL Database
* CI/CD Pipelines
* System Optimization
* Troubleshooting
* Technical Support
* Collaboration

# WORKING EXPERIENCE

**Devops Engineer-Duxcon Aug2023-Present**

* Orchestrated automation processes leveraging Lambda Functions and IAM roles within the AWS ecosystem.
* Facilitated seamless resource deployment in AWS, exhibiting meticulous infrastructure management skills.
* Architected and implemented a robust CI/CD pipeline tailored for Python code, optimizing the software development life cycle.
* Demonstrated technical prowess in Jenkins for streamlined continuous integration, ensuring efficient deployment workflows.
* Employed Docker for proficient application containerization, guaranteeing consistency across diverse environments.

**Program Analyst - Cognizant April 2022 - May 2023**

* Assisted in the development of a new software system, providing technical support and expert troubleshooting.
* Collaborated seamlessly with cross-functional teams, achieving an impressive 98% on-time project delivery rate.
* Spearheaded initiatives to enhance system performance, resulting in a remarkable 20% increase in system uptime.
* Developed and maintained comprehensive system documentation, leading to a 50% reduction in issue resolution time.

**EDUCATION**

**Bachelor of Technology in Computer Science Engineering** – Andhra University of Engineering College (2016-2020)

**SQL Hands-on Certification** - Frontlines Edutech Private Limited (2023)

**Python Basics Certification** – HackerRank (2023)

**PROJECTS**

**Duxcon-GPT Sep 2023 – Present**

* Proficiently implementing Python code in the CI/CD pipeline on AWS.
* Automating EC2 instance scheduling using Python Boto3 Code in Lambda event bridge.
* Developing IAM rules, policies, users, and groups for streamlined access management.
* Efficiently scheduling EC2 stop and start operations using AWS clock events.

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**Selective Insurance of America Sep 2022 - May 2023**

* Orchestrated vital production environment changes and executed MYSQL queries, resulting in a substantial 30% boost in website traffic.
* Innovatively developed and deployed an Azure Pipeline cloud application, reducing deployment time by 50% through Python script optimization.
* Successfully integrated Azure cloud services to enhance system scalability and reliability, achieving a notable 25% increase in system availability.
* Played a key role in deploying CI/CD pipelines and providing invaluable support in Business Rule Engine (BRE) and Billing Production.

**Fake Id and Spammer Detection Jan 2020 – Sep 2020**

* Designed an advanced Spammer detection system for social media networks using the Naïve Bayes algorithm.
* Proactively blocked users posting abusive or inappropriate content, significantly enhancing user experience and platform safety.
* Implemented this solution effectively on platforms like Twitter and Instagram, leveraging Supervised Machine Learning.

**SKILLS**

**Technical Skills:** Python, AWS (EC2 and S3-BUCKET), MySQL, DevOps (Jenkins and Docker), Linux, Shell Scripting, SQL

**Industry Knowledge:** Software Engineering, Cloud Infrastructure, System Performance Optimization, System Documentation, CI/CD Pipelines, Azure Cloud Services, Production Deployment, Version Control (GitHub), Containerization, Troubleshooting

**Soft Skills**: Communication, Teamwork, Problem-solving, Analytical Thinking, Attention to Detail, Organizational Skills, Technical Support, Collaboration, Volunteering, Supervised Machine Learning, Naïve Bayes Algorithm

# ACCOLADES

* Outstanding Contribution to Website Development - Frontline Media Edutech PVT Limited
* Key Collaborator in Achieving 40% Increase in Online Donations
* Valuable Volunteer as a Web Developer at Frontline Media Edutech PVT Limited

# PERSONAL DOSSIER

* **Address**: Bengaluru, India
* **Languages:** English, Hindi, and Telugu

# DECLARATION

I solemnly declare that the information stated above is true, correct, and complete to the best of my knowledge and belief.

**Date:**

**Place**: **Bengaluru, India** **Rayapally Vikash**