

# Choudhury Devraj Priyadarshi

## Work Experience

### **Internship | Intellipaat Software Solutions Pvt. Ltd.**

October 2022 - June 2023

- Working in AWS cloud and using its resources to build resilient cloud architectures also practicing DevOps using different tools to learn CI/CD.

### **Coordinator | Vyasagar Public School**

March 2021 - April 2022

- Developing an efficient pipeline for planning, directing, administering, and resolving issues, and feedback from students, teachers, and parents.

### **Apprenticeship Training | Odisha Power Transmission Corp. Limited**

Dec 2018 - Dec 2019

- Successfully completed the apprenticeship training in Odisha Power Transmission Corp. Limited (OPTCL) Khorda, Odisha.

## Projects

### [Deployment of Fabrication using Orchestration, Containerization, and IACTools](#)

Automated containerized application deployment using Git, Docker, Jenkins, Kubernetes, and Terraform. Built the cloud infrastructure in AWS, configuring servers with Configuration Management tools, and implementing CI/CD pipelines with Jenkins. Used Kubernetes to create clusters and services, containerizing applications with Dockerfile, and adhering to git workflow architecture.

### [Application Deployment Using CI/CD Tools](#)

Implemented a git workflow architecture and used Jenkins jobs to deploy a container on specific ports for different branches, including the develop branch for testing the Dockerfile, the master branch for testing the final version of the Dockerfile, and using Kubernetes to orchestrate the containers. The process was automated using Jenkins, Git, and Docker.

### [Deploying Multi-Tier Website Using AWS EC2](#)

Deploying a PHP website that receives data from the user and stores that data in RDS MySQL Database. The entire architecture is scalable due to the Auto Scaling of servers and is highly available. Data Stored in RDS is highly secured, encrypted, and manages failover. It can only be accessed by an authorized database admin.

### **Azure Architecture Project**

The goal of the capstone project was to build an architecture to host a website over Microsoft Azure. The Project required us to configure the Virtual Networks, Servers, Load Balancers, and Traffic Managers. And, I deployed the website over multiple Azure regions, which would be accessible to users across the globe.

### [Architecture for New Employee Profile Database](#)

Deploying a Python-based web application ie Employee database and media storage application using the most prominently used AWS Services in the industry such as EC2, ELB, VPC, S3, IAM, RDS, DynamoDB, Route53, etc. Application Server is hosted privately and can only be accessed by the Company's Employees. It can be accessed using domain names using Route53 and Freenom.

## Profile

An ambitious and highly motivated entry-level DevOps Engineer with a solid foundation in cloud computing and CI/CD methodologies. Equipped with a strong understanding of DevOps principles and best practices.

## Skill Set

**Languages:** Python

**Developer Tools:** AWS, VS Code, Git, Neovim, Nano, Azure

**Technologies:**

GitHub, Terraform, Docker, Kubernetes, Ansible, Jenkins, Maven, SonarQube, Linux, MySQL

## Education

**B. Tech | Electrical and Electronics Engineering**  
National Institute of Science and Technology  
2014 - 2018 | CGPA 7.57

## Certifications

**Cloud Computing and DevOps**  
Intellipaat

## Contact Details

**Phone:**

+91 - 9348658231

**Email:**

devraj7873@gmail.com

**LinkedIn:**

Devraj