

# Divya Kolhe

## Software Engineer

An independent and self motivated graduate with 2.6 years of experience in IT collaborating with team as a Backend Developer. Having 6 months of hands on experience in AWS, Azure and DevOps . Looking for an opportunity to upskill myself in different domain to take my career to the next level as a Full Stack Developer

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## WORK EXPERIENCE

### Software Engineer-Node js Appinventiv Technologies

03/2021 - Present  
<https://appinventiv.com>

Noida, India

#### Projects

- **Millie App** - An app designed for women for their pregnancy support. Worked as a shadow developer. Worked on PostgreSQL database, APIs, TypeScript, Nestjs as a framework. Created Rest APIs.
- **AirHireMe App** - An app designed for businesses who can rent their goods to their customers. Independently handled CRs raised by clients. Worked on MongoDB (crud operations) database, APIs, TypeScript, Hapijs as a framework. Look after **production deployment** and **jira** issues. **App Link- <https://airhireme.com/>**.
- **Slice App**- It's a real estate project where property can be purchased, rented, sold any many more. Worked on some modules (export data in csv, excel read, s3 upload, content management system, crud operations) independently. Worked on MongoDB database, APIs, TypeScript, Hapijs as a framework. **Collaborated with frontend developers, qa, Devops Engineers**. Deployed on **AWS cloud**.
- **Koda App**- Presently working on it. **Followed Agile methodologies- scrum , working in sprint using Jira**. It's an education platform to guide better for one's career. Worked on firebase integration, coupon on stripe , payment through stripe and crud operations using MongoDB , Export data in PDF, cron job to send daily notification at fixed time, REST APIs, CSV import users, email calendar invite . Worked on MongoDB database, APIs, TypeScript , Hapijs as a framework. **Closely worked with Devops Engineers in project setup and production issues**. Deployed on **AWS Cloud**.

### Cloud And DevOps Internship/Hands-on Training Intellipaat Software Solutions

01/2023 - Present

India

#### Learnings

- Gaining knowledge and hands-on experience in Cloud Technology- AWS, Azure and GCP along with exploring DevOps tools - Docker, Kubernetes, Ansible, Terraform , GIT, Linux.

## EDUCATION

### B-Tech(Electronics and Communication) Chameli Devi Group Of Institutions

08/2017 - 06/2021

Indore, India CGPS(9.07)

#### Courses/Achievements

- **Minor project** - Smart Street Light System on arduino and embedded c. **Team leader**
- **Internships** - 1. Embedded systems and IOT. 2. IIT Indore- Mechatronics- robotic fish
- **Achievements** - 1. Chancellor's Scholarship from RGPV. 2. Winner of Inter-departmental Badminton Competition
- **Major Project** - Weather Monitoring system on wifi module and IOT. **Team leader**
- **Line Follower bot** - using arduino and embedded C and other hardware components

## SKILLS

Scripting Languages- Python, Bash, JS, NodeJs, JavaScript, TypeScript

Cloud- AWS, Azure, GCP, Linux, Git

Databases- NOSQL, SQL

Devops Tools - Docker, Jenkins, Ansible, Kubernetes, Terraform

## PROJECTS(CLOUD/DEVOPS)

### Devops LifeCycle

- Installed necessary tools using **Ansible**, implemented **Git workflow**, **Dockerize** the application automated code build to specific branches using Jenkins.
- Code is **containerized** using custom image and push to docker hub, used **Kubernetes** cluster and image from **Docker Hub**, created **Node Port service** and deployed with 2 replicas used **Jenkins pipeline script** and **terraform** for infrastructure creation.

### Deploying a multi tier application using EC2

- Deployed an PHP website with MySQL database enabled auto scaling .Used Resources - **EC2, LB, ASG, VPC, RDS , SG**. Monitoring CPU utilization using CloudWatch and send message through SNS
- Used **CloudFormation(IaC)** for creating **VPC, subnets, EC2, S3**

### Extensively worked on End to End CI/CD Implementation using Jenkins and AWS services

- services involved(**AWS CodeCommit, CodeDeploy, CodePipeline** )

### Hands on experience on Static website Hosting

- Service Involved(**S3- versioning, S3 policies**)

### Configuration/Provisioning Tool

- Experience in **Configuration Management using Ansible** creating **playbooks**
- Experience in **Terraform** and **CloudFormation**

### Migration In AWS

- Created an Virtual machine using **Virtual Box** , installed nginx server and exported image out of it stored into **S3** and created **AMI** out of it and then **EC2 having nginx** up and running.

### Platform as a Service

- **AWS Elastic Beanstalk** - created a runtime environment for **php** and uploaded simple php file after creation

### Deployed Python Application using Azure Cloud

- Services Involved(**Azure Traffic Manager, Application Gateway, Vnet, Vnet-peering, VMs**)

### Deployment/Containerization on Cloud Container Services

- Worked with Docker Kubernetes on **ECS , EKS, ECR** , for building and containerizing the application to deploy. Also worked with **GKE**

## ACHIEVEMENTS

AWS Cloud Quest - Cloud Practitioner (07/2023)

Python Basic HackerRank (06/2020)

## LANGUAGES

English Hindi Marathi

Native or Bilingual Proficiency