



Ankita Rangole

Contact

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Skills

Microservice Design

Spring and Spring Boot

Application design

TomCat

Agile

Teamwork and Collaboration

Analytical and Critical Thinking

Terraform

Docker

A Software Development Professional with over 8 years 7 months of successful experience in Java, IAC developer with Terraform, Microservices design and Application design using REST, API, Spring, Spring Boot. Certified AWS Solution architect, well versed with S3, EC2 Lambda, SNS, VPC. Organized and successful at managing multiple priorities with a positive attitude. An effective scrum team member having a good acquaintance with Agile methodology.

- 1. AWS Certified Solution Architect
- 2. Hashicorp Terraform Certified

Work History

2022-06 - Current	<p>Sr. Consultant</p> <p><i>Deloitte, Pune, India</i></p> <p>PROJECT1:-</p> <p>Project Name: Volkswagen Infrastructure Provisioning [Jun 2022- April 2023]</p> <p>Role: Terraform Developer</p> <p>Project Description: Automation of Provisioning AWS infrastructure. Terraform is used for automation of provisioning of resources with GitHub Action.</p> <p>Role and responsibilities:</p> <ul style="list-style-type: none">• Onboarding of new project with terraform• Designing new AWS provider resources as per requirement• Refactoring of code as per upgradation of git, terraform• Designing test cases for resources on proxy server• Designing S3 backend to secure terraform state file• Provisioning Ec2, S3, VPC resources in aws using terraform• Secure AWS deploys from GitHub Actions with OIDC• Creating work environment using windows subsystem for linux (WSL) <p>PROJECT 2:-</p> <p>Role: Terraform Developer</p> <p>Project Name: Provisioning Infrastructure for INDUSIND BANK LIMITED</p> <p>Project Description: Designing cloud AWS kubernetes resources using self managed EKS with ec2, s3, eks, redis, dynamodb, vpc, cluster, worker node</p> <p>Role and Responsibilities: -</p>
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- Designing HLD for VPC network
- Development of Terraform code structure for each resource
- Designing VPC code with Security Group and design different Subnet
- Design storage using S3, Redis, DynamoDB
- Managing whole network using AWS EKS resource using **SELF MANAGED EKS**
- Designing own custom ami as per application requirement
- Designing API Gateway with different endpoints
- Implementing terraform for Devops architecture

PROJECT 3:-

Role:- Java Developer

Project Name: Manage Movie Information using reactive Spring Boot

Project Description:- Designing and securing application with reactive spring boot framework with Mongo DB

Roles and Responsibilities:-

1. HLD for project
2. designing CURD REST API Microservices for resources using reactive spring boot
3. creating docker image for application
4. using GIT for managing code across Agile team
5. using EKS for manifesting image on AWS server

Project 4:

Role: Terraform Developer

Project Name: Marketplace Development

Project Description : The Deutsche Boerse Group Marketplace is a cloud native platform that offers a wide range of data and products to external customers.

Role and Responsibilities: -

1. Provisioning GCP Resources GCR, GKE, load balancer, bucket
2. Deployment of terraform code for dev,sim,prod environment
3. Java Rest API development
4. Project onboarding documentation

Project 5:

Project Name: ArcelorMittal Nippon Steel India Limited

Role: Terraform Developer

Project Description : Premises to AWS cloud

Roles and Responsibilities :-

1. Provisioning aws network resources
2. multiple VPC's using different account
3. security group, routing table, nat gateway, transit gateway

2020-02 -
2022-06

Sr. Associate Consultant (Java Developer)

Infosys Limited, Pune, MH

Role: Java Developer

Project Name: Telecom Resource Management Application [April 2020- Jun 2022]

Project Description: Application between client and resource details managing controller. Designing each 7 microservice. Each per resource. Using spring boot, Rest API and Web Flux. Technical documentation using swagger and ASCII and Testing for each microservices using wire mock testing and APIGEE.

Roles and responsibilities:

- Developed Telecom Resource Management Application
- Designed microservices using Spring Boot, REST API and Spring Web Flux
- Technical documentation of application using Swagger and ASCII
- Developed 30 wiremock test cases and Apigee test cases for microservices testing
- Generating Docker Image and Deploying on Jenkins Pipeline
- Deployed application on Docker and EC2 Instance
- Application integration with Maria DB using Hibernate
- Well-versed with Git, Jenkins for flawless application development and deployment
- Worked in Agile team as a scrum member

2015-09 -
2019-11

Associate Consultant (Hybris Developer)

Capgemini India PVT,LTD, Pune, MH

Project 1:-

Role: Hybris and Java Developer

Project Name: John Deere Web Development [May 2017- Feb 2019]

Project Description:

To secure channel between hybris and PI application using Okta oauth. So, with filtering the incoming traffic using filter and appending oauth token.

Roles and responsibilities:

- Creating configurable extension of Hybris
- Designing filters using authorization header using REST API, Java
- Registering application on Okta
- POC on concept of securing channel between Hybris and another API

Project 2:-

Role: Hybris and Java Developer

**Project Name: John Deere Migration to AWS Cloud
[Feb 2018- Feb 2019]**

Project Description:

Migration of Hybris application to AWS cloud

• Roles and Responsibilities:

- Migrating 7 Hybris extension on VM of AWS Instance
- Using AWS database migration service, Hybris has been migrated to AWS
- Checking required changes of Hybris app on AWS Instance

Project3 :-

Role: Hybris and Java Developer

**Project Name: John Deere Migration to AWS Cloud
[Feb 2018- Feb 2019]**

Project Description:

Migration of Hybris application to AWS cloud

• Roles and Responsibilities:

- Migrating 7 Hybris extension on VM of AWS Instance
- Using AWS database migration service, Hybris has been migrated to AWS
- Checking required changes of Hybris app on AWS Instance

Project 4:-

Role: Hybris and Java Developer

**Project Name: Rexel web development [Sep 2015–
Mar 2017]**

2014-10 -
2015-08

Project Description:

Enhancement in Rexel Hybris application

· Roles and Responsibilities:

- Addition of customize attribute in item.xml (Data Modeling)
- Addition of attribute for cms-content
- Install voucher for product on PDP
- Install Payment Addon
- Designing B2C web ecommerce web site
- Worked on Installing Accelerators, WCMS, Data Modeling, Vouchers, Promotions, Payments, Addon. Technologies used are Java, Hybris Framework, Spring.

Worked in Agile environment as a scrum member.

Software Developer

Ecode Networks, Hyderabad, TG

Project1:-

Role: Java Developer

Project Name: Evolve North Bound API [May 2015 -Aug 2015]

Project Description:

Evolve, North Bound API (SDN)

· Roles and Responsibilities:

- Research on integration of opensource cloud with SDN Controller
- Avail the storage drive when customer connects to VPN
- Design Virtual Network, with centralized SDN Controller
- Programing in Ubuntu OS

Automate creation of block storage on AWS Project

Project 2:-

Role: Java Developer

Project Name: Floodlight Firewall Research [Oct 2014 – May 2015]

Project Description:

Designing Firewall using Software Defined Networking technology

· Roles and Responsibilities:

- Installation of floodlight controller on virtual machine
- Installation of openflow protocol on openWrt switch

- Designing firewall for incoming and outgoing traffic inside network from 9:00 am to 6:00pm
 - Firewall is designed using RestAPI exposed by Floodlight controller in Java
- Creating Storage drive for VPN user on owncloud using Software Defined Networking

2011-11 -
2012-03

Tech Support Engineer

Balasai Net Pvt. Ltd

- I was working in a Technical support engineer's team providing support for various plans in web-hosting solutions like Linux Hosting, Windows Hosting, Dedicated Server Hosting, Virtual Dedicated Servers and Server Management Services.

Education

2007-06 -
2011-05

BE: Information Technology

SSGMCE - Shegaon, MH

GPA: 67

2015-05

MTech: Information Technology (Networking)

VIT - Vellore, TN

GPA: 8.26

Certifications

Certified AWS Associate Solution Architect (Oct-21)

Hashicorp Terraform