

Kalpana Tolwani

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OBJECTIVE

Aspiring software developer skilled in Java, AWS .Seeking an opportunity to apply and expand my knowledge Eager to contribute to dynamic projects and develop innovative solutions in a collaborative environment.

EDUCATION

VIT Bhopal University , Madhya Pradesh <ul style="list-style-type: none">• B Tech in Computer Science and Engineering Spec. in cloud computing• CGPA:7.90/10	Sept 2021-Ongoing
Sagar Public School ,Bhopal [X standard] <ul style="list-style-type: none">• Percentage 88.8%	March 2018-May 2019
Vidya Niketan School, Bhopal [XII standard] <ul style="list-style-type: none">• Percentage 84%	March 2020- July 2021

CERTIFICATION

- Ethnus MERN Stack Certification-ETHNUS-2022

PROJECTS

AWS VPC infrastructure Project <ul style="list-style-type: none">• Designed and deployed a Virtual Private Cloud (VPC) with public and private subnets for a production environment.• Configured auto-scaling groups and application load balancers across multiple availability zones to enhance system resiliency.• Secured the environment using NAT gateways, security groups, and private subnets.	Nov 2024 – Dec2024
AWS CI/CD PIPELINE <ul style="list-style-type: none">• Designed and implemented a CI/CD pipeline using AWS codePipeline and AWS CodeBuild .• Configure AWS codePipeline to automate the flow of code from source to deployment, including build and test stages.• Optimized workflow to trigger pipeline execution upon changes in source repository ,ensuring rapid delivery and reduced manual efforts	Aug2024 – Sept 2024
AUTOMATED MONITORING AND LOGGING AND ALERTING SCRIPT <ul style="list-style-type: none">• Developed a shell script to monitor application logs in real- time, identifying critical error and anomalies.• Implemented automated email and SMS alerts for immediate notification upon detecting predefined error patterns.• Enhanced system reliability by scheduling the script using cron jobs, ensuring 24/7 log monitor and issue resolution	June 2024-July 2024

TECHNICAL SKILLS

Languages: Java, SQL

Web Development: HTML, CSS, Javascript

Tools: Canva,Figma

Additional Knowledge : Operating Systems (OS), Computer Networking,(CN) , Object – oriented Programming OOPS,AWS,CI/CD pipeline

Extra-CURRICULAR ACTIVITIES

Documentation-Head at Cloudzone club VITB. Volunteered at tech events VITB

