

VISHAL M

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EDUCATION

Bachelor's Degree in Computer Science
PES UNIVERSITY

2020 – present | Bangalore, India

PROFESSIONAL EXPERIENCE

TheDevMentor

February 2022 – present

Co-Founder and Mentor

- Led a team of 8 members including the developers and designers team to develop the platform from the ideation phase to the successful launch.
- Formed and managed a community of around 800 students developers on Discord. Mentored the students to learn Linux CLI and shell scripting in Bash/Python.

PES University

December 2021 – July 2022

Programming Club Core Member

- Delivered lectures on Git and GitHub concepts.
- Led a team of 10 and organized workshops on Cloud and other technical skills.

PROJECTS

ToDo App Deployment using Kubernetes

- Set up and managed Docker container for application into Kubernetes Pods. Implemented Network and Services with Host IP allocation on AWS EC2 and Route 53.
- Primed Deployment, Replication, and Auto Scaling for the Kubernetes cluster to reduce the downtime by 75%.

QnA Chatbot

- Employed a bot to answer queries related to AWS and DevOps-related tech stacks, imported the intent and slot to support the desired action.
- Implemented the custom bot on Amazon Lex and configured an AWS Lambda function.

Serverless API Hosting

- Implemented an AWS Lambda function and AWS API Gateway for the Rest API.
- Handled trafficking and Scaling with AWS Elastic Load Balancer.

Portfolio-Website

- Created my Portfolio website using HTML5, CSS3, and JavaScript.
- Extras: Scroll Reveal, Font Awesome, and JSON. Hosted on Netlify

SKILLS

Programming & Scripting

Python, Go(Golang), Java, C/C++, Bash

Tools

Docker, Ansible, Kubernetes, Terraform

Development & Automation

Jenkins CI, Linux, Git, Argo CD

Datastores & Cloud

MySQL, AWS, Azure DevOps

Others

Prometheus, Grafana, Snyk, Jira, Scrum, FinOps, GitOps

ADDITIONAL EXPERIENCE AND ACHIEVEMENTS

- Won 1st prize among the top 100 teams for designing a GUI in Figma by analyzing and researching issues faced by farmers, managed multiple initiatives to deliver the optimized features to resolve.
- Collaborated with a team of 4 and led them to Develop and manage goals and objectives for the research project as part of my capstone in the DevSecOps domain focusing on Docker Container Vulnerabilities to create, and implement relevant measures to enhance production-ready containers.
- Selected as a member of the Innovation Student Council at PES University based on high-achieving and technically strong undergraduate students.

COURSES

AWS

KodeKloud