

UMESH SANGULE

Senior Software Engineer

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WORK EXPERIENCE

L& T Data Center

Senior Engineer

 Oct 2022 – Present  Mumbai

- Successfully implemented Docker concepts in a Proof of Concept (PoC) setup and configured virtual machines using containerization, demonstrating strong skills in container orchestration and infrastructure management.
- **Cloudstack Integartion** :Spearheaded the successful integration and streamlined management of cloud infrastructure via CloudStack, targeting KVM and ESXi hypervisors; achieved efficient virtualization and optimized resource allocation, leading to a 50% increase in overall system performance.
- Led a project to optimize Kubernetes cluster node management, resulting in a 30% reduction in resource waste and a 25% improvement in overall cluster performance, ensuring a more cost-effective and efficient infrastructure
- Developed Bash scripts to automate VM backup processes, enhancing data security and operational efficiency.

Graduate Engineer Trainee

 Oct 2022 – Oct 2023  Mumbai

- **Data Center Architecture**:Architected data center network infrastructure for Panvel & Chennai, optimizing performance and scalability; verified and analyzed Bill of Quantities (BOQ) and Bill of Materials (BOM) for various OEM/ODM inventory details for both data centers.
Worked with Intel,AMD ,Juniper,Arista,Dell.

PROJECTS

Portfolio Website :

- Developed a responsive personal portfolio website using HTML, CSS, JavaScript,React, and Tailwind CSS.
Showcased projects, skills, and experience with an aesthetically pleasing and user-friendly design.
Leveraged modern frameworks and tools for efficient front-end web development.

Project: E-commerce Website :

- Designed and developed a full-fledged e-commerce website using Node.js, Express.js, and MongoDB, providing a seamless shopping experience for users.
- Built a RESTful API for managing products, user authentication, and cart functionality, ensuring smooth data retrieval and manipulation.
- Deployed the website on a cloud-based platform, ensuring high availability and scalability, and implemented continuous integration/continuous deployment (CI/CD) practices.
- **Technologies Used:** Node.js, Express.js, MongoDB, JavaScript, HTML, CSS, Bootstrap, RESTful API, PayPal, Stripe, Git, CI/CD.

EDUCATION

SVIT,Nashik June 2022
B.E(Computer). Overall CGPA: 9.2

Junior College,Kopargaon May 2018
HSC. Overall Per: 73.85

Gautam Public School,Shirdi May 2016
SSC. Overall Per: 87.40

DEVOPS

- **CI/CD:** Jenkins,Github.
- **Containerization and Orchestration:** Docker,Kubernetes
- **Configuration Management:**Ansible,Chef.
- **Infrastructure as Code (IaC):** AWS,Azure
- **Collaboration &Communication:** Jira,Teams,Slack.
- **Database Management:** MySQL,PostgreSQL,MongoDB

SKILLS

AWS

Azure

Docker

Cloud

IaaS Architecture

Data Center

Node.js

Linux

MS Access & SQL Server

MySQL

MongoDB

JavaScript

Flutter

Python

CERTIFICATIONS

- Azure-900
- Azure-104
- DevOps & Cloud Computing.
- Git & GitHub.
- Network services and data center architectures.
- Networking and storage concepts.

LANGUAGES

- ENGLISH
- HINDI
- MARATHI