# **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**

m 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

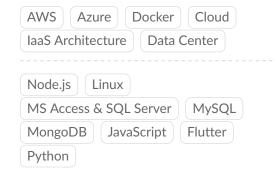
**Junior College, Kopargaon**May 2018
HSC. Overall Per: 73.85

**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**



# **CERTIFICATIONS**

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

# **LANGUAGES**

- ENGLISH
- HINDI
- MARATHI