

SOURABH DESHMUKH

Portfolio: <https://sourabhdeshmukh.in>
LinkedIn : <https://www.linkedin.com/in/sourabh-deshmukh>

Mail: sourabh.deshmukh.988@gmail.com
Phone: +1 408-690-7638

EDUCATION

- **Master of Science in Computer Science and Engineering** | Santa Clara University. May, 2024.
 - Machine Learning, Computer Networks, Design Analysis of Algorithms, Distributed Systems.
- **Bachelor of Technology in Computer Science and Engineering** | Shivaji University. May, 2019.
GPA: 3.27/4
 - Virtualization & Cloud Computing, Design Analysis of Algorithms, Database Systems, Operating Systems, Data Structures & algorithms, Information Security, Web Technology. OOPD.

TECHNICAL SKILLS

- Tool and Technology: *DevOps*.
- Cloud Platforms: *AWS, GCP*.
- Virtualization: *K8S, Docker*.
- CICD: *Jenkins, Circle CI*.
- Monitoring: *ELK, Nagios, Munin*.
- Databases: *MySQL, Redis*.
- Web Technologies: *HTML, CSS, JavaScript*.
- Automation Tools: *Ansible, Puppet, Terraform, Helm*.
- Language: *Python, C, Shell*.

WORK EXPERIENCE

DevOps Engineer | OPCITO TECHNOLOGIES PVT. LTD. Pune, India. Aug, 2021 – Aug, 2022.

- Configured and set up CICD pipelines using Jenkins to package and test 15+ Android and IOS applications. Published them on Dropbox and Atlassian Confluence page. It improved developer efficiency by 30%
- Set up CircleCI pipelines with git and wrote helm charts to deploy application components with Kubernetes and Rancher on the GKE cluster that speed up the deployment/development process by 25%
- Assisted with terraform code for configuration and deployment of AWS WAF rules.

Software Engineer - DevOps | KPOINT TECHNOLOGIES PVT. LTD. Pune, India. Oct, 2019 – Aug, 2021.

- Structured CICD end-to-end pipelines using Jenkins to build, test and deploy the applications to QA/Staging/Prod.
- Dockerized product application components to reduce dependency issues. Optimized Docker images with multi-stage build and reduced layers in the Docker image. It improved the deployment efficiency by 40%.
- Developed several system components order using automation scripts (Python & Shell) and tools.
- Reduced 50% cost of AWS resources by converting on-demand resources to spot using terraform.
- Centralized system and application logging using ELK stack. Designed Monitoring dashboards using Kibana.

Software Engineer Intern - DevOps | KPOINT TECHNOLOGIES PVT. LTD. Pune, India. Jan, 2019 – Sept, 2019.

- Implemented staging setup of kPoint web application and deployed on AWS cloud.
- Managed infrastructure using terraform and application configuration using Puppet and python scripts; deployment was configured using Jenkins CICD pipelines.
- Performed application monitoring and Production Servers using Nagios Server and Munin Monitoring. Deployed monitoring scripts on production servers to maintain 24/7 availability of the application and reduced downtime.
- Configured AWS Guard duty and AWS WAF to secure the production cloud from external attacks.

Software Engineer Intern | CLOUDYUGA TECHNOLOGIES PVT. LTD., Bangalore, India. Summer 2018.

- Built a web application from scratch using NodeJS, Docker, HTML, CSS, Javascript, and Markdown.
- The primary focus of the building application was to reduce individual configuration tasks at Kubernetes classroom training.

CERTIFICATIONS

- Red Hat Certified Engineer (RHEL 7).
- Red Hat Certified System Administrator (RHEL 7).
- Cisco Certified Network Associate (Routing & Switching)