VAISHNAVI KIRAN KHISMATRAO

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EDUCATION

Master of Science in Information Systems:	Northeastern University, Boston	*Aug 2021 – May 2023*
Bachelor of Engineering in Electronics:	University of Mumbai, India	*Aug 2014 – Aug 2018*

Relevant Coursework:

Web Programming, Application Networking Structures and Cloud computing, Deployment and Operation of Software Applications, Engineering and Development, Organizational Strategy, Web base Java Technologies, Guide development teams, Accounts and Budgeting, UIUX

TECHNICAL SKILLS

Cloud Technologies:	**Amazon Web Services** – IAM, S3, DynamoDB, RDS, ELB, ALB, VPC, EC2, ECS, Fargate, Lambda, Cloudformation, Route53, etc.
Operating Systems:	Linux, Windows, macOS
Tools and Technologies:	Git, GitHub, Jenkins, Circle-CI, Buddy-CI, Maven, Sonar, Docker, Terraform, Prometheus, Grafana, Git Workflows, Microsoft Office**,** Moqups
Databases:	MySQL, Oracle
Programming and command Languages:	Java, C++, Bash, Node JS
Web Technologies and Frameworks:	HTML5, JavaScript, jQuery, JSON, Bootstrap, Angular, REST API, SpringBoot, JPA, Junit, Karma, Balsamiq

WORK EXPERIENCE

DevOps Engineer – Senseye Inc., Austin, USA   *June 2023 – Present*

Engineering Team

- Designed and automated **application deployment and release** procedures, leading to a 45% increase in productivity
- Implemented **Terraform** to streamline cloud service utilization, boosting organizational productivity by 70%
- Automated manual tests, integrating them into a **CI/CD** pipeline and reducing process time by 40%
- Optimized AWS usage, reducing costs to 10% of the original bill by shutting down unnecessary services
- Established Git-Jira automation checks for streamlined project tracking and management

DevOps Intern – Notarize(Proof), Boston, USA   *June 2022 – Dec 2022*

CloudInfra Team

- Implemented **Jenkins** job for DevOps checks through a scripted Jenkins file
- Transitioned log configuration from sumo-logic to AWS CloudWatch, resulting in cost reduction and enhanced integration
- Integrated **Dependabot** for automated PR generation for Terraform module updates.
- Managed release processes and on-call alerts.
- Orchestrated the deployment of Java applications on AWS using Terraform and various AWS services, including autoscaling

Software Engineer – Cybage Software Pvt. Ltd., Pune India   *Sept 2019 – June 2021*

Research and Development DevOps Team

- Automated **CI/CD** of Java application using DevOps tools and AWS services which optimized the code by 80%
- Deployed backend application on **AWS** cloud using Terraform
- Researched and designed the minimum viable product within the viable span of 2-3 months
- Consulted client's development team for system deployment which sped up the deployment process by 30%
- Built a Java, **AngularJS** festive gifting and shopping website for company-wide use
- Conducted training sessions on **Git**, Jira, SonarQube, Jenkins, and **Docker** to speed up the onboarding process

PERSONAL PROJECTS

Automate spinning of Jenkins – *Cloud Computing* (Git, Jenkins, Docker, Terraform, AWS)   *May 2021*

- Deployed a terraform script to spin up Jenkins using AWS Fargate that included ALB, VPC, EC2, and other AWS services

Web Application Development – *Web apps* (Angular8, Java, MySQL, Rest APIs)

- Developed apps like BMI calculator, Anime Collections, student Profile Builder, Delivery System, Medical Help Center

ACADEMIC PROJECTS

Automate spinning up of web applications on cloud (Git, Sonar, Jenkins, Docker, Terraform, AWS)   *Dec 2020 – April 2021*

- Developed a three-layer web application from scratch
- Built a docker image using docker file and pushed it on the docker hub repository, pull the docker image to run a docker container with the required configuration for the application successfully
- Automate CI/CD Jenkins pipeline for deploying the code, performing static code analysis and unit test cases on AWS ECS Fargate using Terraform which helped in code optimization by 85%