

# VAISHNAVI KIRAN KHISMATRAO

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## EDUCATION

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

### Relevant Coursework:

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

## TECHNICAL SKILLS

Cloud Technologies:	<b>Amazon Web Services</b> – IAM, S3, DynamoDB, RDS, ELB, ALB, VPC, EC2, ECS, Fargate, Lambda, Cloudformation, Route53, Codebuild, etc.
Operating Systems:	Linux, Windows, macOS
Tools and Technologies:	Git, GitHub, Jenkins, Circle-Cl, Maven, Sonar, Docker, Terraform, Prometheus, Grafana, Git Workflows, <b>Microsoft Office</b>
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

## WORK EXPERIENCE

<b>DevOps Intern – Notarize, Boston, USA</b>	<b>June 2022 – Dec 2022</b>
<i>CloudInfra Team</i>	

- Researched and published the first **Circle-Cl orb** for **DevOps** checks for better code maintenance and reusability
- Migrated **Jenkins Jobs to Circle-Cl** and converted groovy scripts to bash and Node-JS to improve code quality
- Switched log configuration from **sumo-logic** to **AWS CloudWatch**, this resulted in cost reduction and better integration
- Integrated **Dependabot** for automated generation of PR for Terraform module update
- Merged Java application with **RabbitMQ** and **Elastic search** for data indexing
- Complete tasks assigned as per given Sprint in JIRA
- Handled release management and alerts for on-call
- Updated terraform version from 0.14.11 to 1.2.3 with all S3 and other resource updates

<b>Software Engineer – Cybage Software Pvt. Ltd., Pune India</b>	<b>Sept 2019 – June 2021</b>
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### *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
- Led interviews for the organization in coordination with the employee recruitment team

## PERSONAL PROJECTS

<b>Automate spinning of Jenkins – Cloud Computing</b> (Git, Jenkins, Docker, Terraform, AWS)	<b>May 2021</b>
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- 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

<b>Automate spinning up of web applications on cloud</b> (Git, Sonar, Jenkins, Docker, Terraform, AWS)	<b>Dec 2020 – April 2021</b>
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- 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%