Vinit Harsora

harsora.v@northeastern.edu | Boston, MA | (617)906-1984 | https://www.linkedin.com/in/vinitharsora

EDUCATION:

- **Northeastern University, Boston, Master of Science in Information Systems (GPA: 4.0)**   **September 2021 - Present**
- **Mumbai University, India, Bachelor of Engineering in EECE**   **June 2014 - June 2018**

TECHNICAL SKILLS:

- **Programming Languages:** Java, Python, PHP, Bash Scripting, HTML5, CSS3, JavaScript, Node.js.
- **Networking Technologies:** OSI/TCP model, LAN, WAN, MAN, Routers, Switches, NAT, RIP, OSPF, IGRP, EIGRP, BGP, MPLS, STP, VLAN, port security.
- **AWS Services:**   EC2, S3, Lambda, Elastic Bean Stalk, Terraform, ECS, EKS, Arora, Redshift, VPC, Route 53, CloudFront, IAM, Elastic Load Balancer, Elastic Block Store, Elastic File store.
- **Frameworks:**   MVC framework, Swing
- **Database:**   Microsoft SQL server, MySQL.
- **Cloud Technologies:**   Docker, Kubernetes, Jenkins, Vagrant, Terraform, Ansible, Maven, Nagios, SolarWinds, Git, Nginx, Apache HTTPd, Apache Tomcat.
- **Certifications**:   *Cisco Certified Networking Associate, AWS Certified Solutions Architect – Associate.*

EXPERIENCE:

Northeastern University | Boston, United States
Graduate Teaching Assistant (Internet Protocols and Architectures):   **January 2022 - Present**
- Responsible for conducting hands-on network configuration, simulation and troubleshooting lab sessions.
- Assisting students to understand the architecture of computer networks & concepts of core networking protocols.

Capgemini Technology Services Pvt. Ltd. | Mumbai, India
DevOps Engineer: **May 2019 - August 2021**
- Developed and utilized **Jenkins (CI/CD)** jobs to deploy services on AWS which benefited client by decreasing annual expenses to 30%.
- Improved infrastructure by 40% using **Terraform** and **Ansible**, which were tailored to the specific requirements. Designed rate shop and other services and deployed on cloud-based platform **AWS** (S3 CloudFormation, EC2, ECS).
- Designed the database and addressed and optimized complex queries on SQL server improving performance by 50%.
- Executed **bash scripts** to automate set of tasks which increased efficiency by 25%.
- Achieved 99.5% network efficiency in our organization by resolving alarms that showed in our network monitoring tools **SolarWinds** and **Nagios.**
- Helped multiple client teams in implementing automation projects and DevOps practices resulting in savings of more than **10 FTE's**.
- Credible Client relationships led to my **promotion** from resolving Level 3 low priority incidents to Level 1 high priority incidents.

AGS Transact Technologies Pvt Ltd. | Mumbai, India
Linux Administrator: **October 2018 – May 2019**
- Worked in a Linux team of 6 on over **200+ RHEL servers**, performing daily administrative tasks.
- Implemented solutions that reduced single points of failure and improved system uptime to **99.9% availability**.
- Created and maintained network, user environment, directories, and server security for **1000+ users**.
- Worked closely with 5 vendors to open 50+ support cases & resolved complex issues resulting in 100% client satisfaction.

ACADEMIC PROJECTS:

Cloud Lens - Cloud Image Storage Service (Node.js, EC2, S3, RDS, Route 53, ELB, Autoscaling):   **February 2022 – Present**
- Deployed **Node.js** Application on AWS with fully automated CI/CD pipelines for code build, deployment using **GitHub Actions** and Packer to build AMI and launch EC2 instance using **CloudFormation** Template.

Vaccine Management System (Java Swing):   **November 2021 – December 2021**
- Developed a scalable and an integrated **Java** application for all vaccine players: CDC, PHD, Providers, Patients and Manufacturers using J2SE and **Swing**. Solved supply and demand issue of vaccines, maintaining the cold chain problem, and provided complete VARES reports. Supported automatic report generation of all distributed & failed vaccines.

Dental Office Management (SQL server, PHP):   **November 2021 – December 2021**
- Designed a database with 3rd normalization technique on **Microsoft SQL Server** & created application on **PHP** for Dental Office Management system and performed CRUD operations. Developed logic using Stored Procedures, Functions, etc.