

Mihir Joshi

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EDUCATION

Stevens Institute of Technology, Hoboken, NJ

May 2023

Master of Science, Computer Science

GPA: 3.65/4

Courses: Cybersecurity, Web development, Database systems, Cloud computing, System administration and Cryptography.

University of Mumbai, Mumbai, India

June 2021

Bachelor of Engineering, Computer Engineering

GPA: 3.4/4

SKILLS

Programming languages: Python, JavaScript, Bash, Java, C++

Web technologies: HTML, CSS, Node JS,

Technologies/Platforms: Linux, Ansible, OpenStack, Kubernetes, Grafana, Prometheus, Git, JIRA, SNOW

Data formats: JSON, YAML, INI, XML

Databases: SQL, MongoDB

EXPERIENCE

Deployment Engineer- Radcom, Inc (Paramus, NJ)

Feb 2023 - Present

- Deployed, tested, and integrated Radcom solutions within the AT&T NFV network under AT&T Labs, ensuring optimized performance
- Developed automated process in ansible/bash to streamline VM instantiations in OpenStack, third-party software component upgrades and OS security patches
- Collaborated with development teams to identify and troubleshoot failures, software/infra bottlenecks and integrating the fixes in production environment
- Formulated and oversaw infrastructure health metrics monitoring using Prometheus and Grafana dashboards
- Involved in prod incident response - analyzing, data collection, debugging, RCA and fix integration to achieve closure
- Participated in on-call production deployment, troubleshooting and RCA in client environment
- Responsible for delivering documentation involving infrastructure upgrade, rollback, geo-redundancy and incident RCA findings

AT&T Labs Summer Internship - AT&T (Middletown, NJ)

June 2022 - Aug 2022

- Designed and deployed Ansible playbooks for installation, security hardening, and compliance enforcement across various network elements
- Implemented system-wide automation, streamlining quarterly security updates for enhanced productivity and reduced development time
- Created a Python script for automated CDR validation, incorporating extraction, parsing, decoding, and validation against expected values of CDR files which improved efficiency

ACADEMIC PROJECTS

Full-stack web application - Healthy recipes

Aug 2021 - Dec 2021

- Designed and developed a dynamic full-stack web application to publish and manage a comprehensive catalog of healthy recipes
- Utilized HTML/CSS with Handlebars on the frontend, while implementing Node.js and Express.js (Routes) on the backend, along with MongoDB for data storage
- Created robust REST APIs to enable seamless functionality for adding, modifying, and deleting recipes, ensuring efficient data management

Sign Language Translator App

Aug 2020 - April 2021

- Led a team of 4 members in the development of a cutting-edge Flutter mobile application that seamlessly translates voice input into the corresponding sign language, displaying it on the user's screen
- Leveraged the multiplatform capabilities of Flutter to ensure compatibility across iOS, Android, and Web environments for widespread app release
- Collaborated closely with American Sign Language (ASL) experts and individuals with disabilities to gather feedback, analyze user requirements, and implement improvements for an inclusive and user-centric app experience

Port Scanner Application

Sept 2020 - Nov 2020

- Developed a Python utility for port scanning, similar to Nmap, to analyze the vulnerability of a given host or domain
- Produced vulnerability reports that showcased the use case and identified open ports from the scanned ports

EXTRACURRICULAR ACTIVITIES

A.P. Shah Institute of Technology, Mumbai

July 2019 - Feb 2020

- Participated actively in the student planning committee to organize engaging tech events, promote them campus-wide, and secure sponsorships