

## Tasmaiya Tamboli

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### Career Profile

Graduate student pursuing a Master's in Computer Science at the University of North Texas, with **~6 years** of prior experience in Linux and Cloud Infrastructure Services, skilled in Linux and Edge Computing, High performance SAP clusters, Problem Solving and Algorithm and Complexity Analysis. .

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### Education

**University of North Texas**, Master of Computer Science (GPA 3.7)  
**Shivaji University**, Bachelor of Engineering – Information Technology  
(Achieved **top-ranking academic performance** at Shivaji University)

*Expected: December 2026*  
*August 2013- June 2017*

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### Skills

- **Programming Languages:** Python , MYSQL
  - **Operating Systems:** Windows, Linux and Unix
  - **Technologies:** AWS Services, Agile workflow
  - **Certifications:** ITILV4 , [Certified Scrum Master](#)
  - **Soft Skills:** Mentoring and Team Collaboration
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### Employment Experience

#### Technology Lead-

##### Infosys,Pune

*June 2021 – June 2024*

- Enhanced **DC transformation** process by preparing migration plan and **checklist** for Linux servers.
- Accomplished standardized VM/container deployments as measured by reduced configuration errors by 25%, by designing and implementing Puppet for configuration management, and virtualization-based automation.
- Achieved high availability in **SAP cluster** configuration as measured by ~99.9% uptime, by leading the Linux Ops team, optimizing enterprise applications, and configuring high-performance SAP clusters.
- Improved system reliability and security as measured by 20% reduction in vulnerabilities, by implementing ISO-based security compliance checks, and Linux hardening best practices.
- Accomplished automation of Linux server deployments as measured by 30% reduction in manual provisioning time, by leveraging Ansible, Terraform, and VMware for infrastructure as code (IaC).
- Enhanced server hardening and security compliance as measured by reduced vulnerabilities in mass deployments, by implementing template-based server hardening strategies and automated compliance checks.
- Optimized system performance as measured by 25% improvement in resource utilization, by kernel tuning, network optimization, and load balancing on Linux/Unix servers.
- Strengthened backup and disaster recovery as measured by 100% adherence to application recovery SLAs, by designing TSM backup solutions, disaster recovery runbooks, and automated rollback strategies.
- Mentored junior engineers and prepared KT planner, fostering skill development and best practices in CSM certifications.
- Proactively identified and mitigated operational risks, ensuring project success.

- Accomplished seamless infrastructure support for 3000+ servers as measured by 99.5% system availability, by managing Linux/Unix OS, SAP HANA, Oracle DBA, and Puppet-based automation.
- Achieved successful **migration of RHEL6 to RHEL7** as measured by zero downtime for critical applications, by planning and executing as a SPOC for Technology Lifecycle Management.
- Improved incident resolution time as measured by 20% reduction in SLA breaches, by leading ServiceNow-based incident management and risk mitigation strategies learned by ITILv4.
- Strengthened SAP cluster reliability as measured by 50% fewer failover incidents, by configuring and fine-tuning highly available SAP clusters and Axway data transfer systems.
- Enhanced server hardening and security compliance as measured by reduced vulnerabilities in mass deployments, by implementing template-based server hardening strategies and automated compliance checks.
- Enhanced overall working methodology of LCM by automatic manual email coordination with customers and customising central sharepoint for tracking risk acceptance.

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**Projects:**

- **SafePath** ( [Github](#) ) *April 2025*  
SafePath is a web application designed to provide multilingual travel guidance for non-tech-savvy travelers. The app offers step-by-step directions and voice assistance in regional languages, helping users navigate unfamiliar areas safely. The goal is to simplify the travel experience for people with limited technical knowledge.  
NodeJs ,Express, TypeScript, ReactJS, Web Speech APIs, Google Translation AP , AWS hosting and MongoDB
- **HAProxy :** *March 2025*  
Configured the HAProxy Load Balancer services using Azure Cloud Services analysis of resources and performance testing using jmeter . Tested Get-Post response time for different types of HAProxy find out suitable particular for Infra using Analysis samples and calculating the resources required. Technology Used: Wordpress, Linux, Infrastructure-as-a-code, Mysql , Azure cloud services , Web services and Docker.
- **Ransomware** *Feb 2025*  
Conceptualized and developed a custom encryption module for a ransomware simulation by analyzing cryptographic libraries and evaluating encryption algorithms to ensure robust security.

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**Awards & Achievements**

- Winner of [GradInnoHack](#) 2025.
- CIS Unit Rise Award for Business Ninja and Solution Excellence-2023 Infosys, Pune.
- Awarded Extra Mile 2019-2020 Capgemini, Mumbai.
- Awarded as Transformed Techie 2018-2019 by CIS academy Capgemini, Bengaluru.