

Nirmit Hitendra Dagli

865 Mix Avenue, 6T05, Hamden CT | 475-317-4538 | ndagli@quinnipiac.edu | [GitHub](#) | [LinkedIn](#)

EDUCATION

Quinnipiac University | Master of Computer Science

May 2026

Enrolled in Computer Networks, Database & Cybersecurity, and working on research related to Quantum Computing, Cloud Security, and Data Privacy.

University of Mumbai, India | Bachelor of Engineering in Information Technology | GPA: 3.1/4

May 2020

Relevant Courses: Python, Cloud Computing, Operating Systems, Distributed Databases, IoT

TECHNICAL SKILLS

Programming and Scripting Languages: Python, Java, C++, Bash, and Yaml.

Frameworks & Technologies: AWS, GCP, Azure, Docker, Kubernetes, Storage, DevOps, Networks, Linux, ELK, DevOps, Cybersecurity, IAC.

System Administration: CentOS, Red Hat, Kali, Ubuntu, Oracle Linux, Microsoft Windows Server, VMware, KVM, Ovirt, OpenShift.

Tools: Palo Alto, FortiGate, Pfsense, Veeam Backup, Jenkins, Ansible, GitHub, Grafana, Dynatrace, Jira, Prometheus, Zscaler, CrowdStrike, Cribble, CyberArk, Argocd, MongoDB, PostgreSQL, Terraform, Grafana, Rancher, NetApp, Kyverno, OPA, Velero, Draw.io.

Soft Skills: Program Management, Leadership, Communication, Teamwork, Problem-Solving, Time Management, and Critical Thinking.

WORK EXPERIENCE

Graduate Assistant | Quinnipiac University | North Haven, Connecticut

August 2024

- Assisted professors and staff with projects, resolved student queries, and automated workflows, reducing manual clerical work by 60% through scripting and process optimization.

Senior SaaS Infrastructure Engineer | Zycus Pvt. Ltd. | Mumbai, India

January 2021 – Jun 2024

- Cloud Services & Cost Optimization:** Configured and managed AWS services (EC2, S3, EFS, EKS, Route 53, CloudFront, VPC, IAM, ELB, Autoscaling) to host business-critical applications and archive data across multiple domains, implementing cost optimization strategies for efficient resource utilization.
- IT Automation & Generative AI:** Automated 80% of IT tasks by creating AI agents using Generative AI with Azure OpenAI and GCP, enhancing system availability by 70% and reducing server provisioning time by 40% across on-premises and AWS environments.
- Kubernetes & DevOps Transformation:** Managed, migrated, and optimized 50+ Kubernetes clusters on AWS, Azure, Rancher, and VMware. Implemented CI/CD pipelines, automated middleware (Nginx, Redis, HAProxy, AMQ, Solr, Consul), and developed Infrastructure as Code (IaC) using Terraform, Ansible, and Jenkins, reducing manual efforts by 50%.
- System Administrator, Security and Disaster Recovery:** Led ransomware recovery efforts, strengthening security with CyberArk, Zscaler, and CrowdStrike. Administered Linux (RHEL, CentOS, Ubuntu) and Windows servers, deployed firewalls (Palo Alto, Pfsense, FortiGate), managed SAN/NAS with NetApp, and designed robust backup solutions using Veeam Backup.
- Monitoring, SRE and Multi-Cloud Architecture:** Designed and implemented multi-cloud architectures integrating AWS, Azure, and GCP for high availability and security. Enhanced monitoring and incident response with OpsGenie, CloudWatch, and the ELK stack, ensuring proactive issue resolution.

Senior Lecturer | PPT | Mumbai, India

January 2016 – March 2024

- Taught Science, IT, and Mathematics to students, creating engaging plans, utilizing diverse techniques, providing individualized support, tracking student progress, and contributing to course material development while fostering strong student relationships.

ACADEMIC PROJECTS

Database Convertor | Python, AWS & Flask

December 2024

- Built a web app to transform datasets across AWS databases (RDS, DynamoDB, Neptune, Document DB) via a user-friendly UI. Configured the system on Linux servers, automating database migration and ensuring seamless functionality.

SAINT Vulnerability Assessment Report | SAINT, AWS & Linux

December 2024

- Identified and remediated critical severity vulnerabilities in an AWS environment by addressing OpenSSH risks, Ubuntu versions, and privilege escalation threats. We implemented security hardening measures and ensured compliance through phased remediation and continuous scanning.

CERTIFICATION, RESEARCH PAPER & EXTRACURRICULAR ACTIVITIES

- Certified Kubernetes Application Developer – **CKAD**

January 2025

- Certified Kubernetes Administrator - **CKA**

March 2024

- AWS Certified Solution Architect**

November 2022

- Single Sign On, Published in [IRJET](#).

April 2020

- REDHAT Certified System Administrator **RHCSA** - apshah/fcsllp/2018-19/rhcsa-003.

April 2018

- Active member of Quantum Research Group** working on Google and IBM Quantum.

- Active member of the Graduate Advisory Board and OISS**, contributing to student initiatives and academic improvements and engaged in various extracurricular activities, fostering leadership, teamwork, and community involvement.