




DHAVAL GHINAIYA

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PROFESSIONAL SUMMARY

Technically skilled engineering professional experienced in system optimization, technical troubleshooting, and automation. Proficient in hardware/software integration, data analysis, and dynamic lab environments. Certified in AWS, Azure, and networking (CCNA/CCNP). Adept at leveraging skills in RF, SAR, and mmWave testing to improve wireless device performance and compliance.

EDUCATION

Arizona State University

Aug 2024 – May 2026

Master of Science in Information Technology, GPA: 3.89/4.0

Tempe, AZ

Coursework: Advanced System Security, Database Management Systems (DBMS), Big Data Analytics, Data Visualization

P P Savani University

Jul 2020 – May 2024

Bachelor of Technology in Computer Engineering

Surat, Gujarat

Coursework: DBMS, Computer Network, Cloud Computing, Programming with python, Advance Java, Artificial Intelligence

SKILLS

Programming: Python, Java, HTML/CSS, C

Cloud & DevOps: AWS (Lambda, EC2, S3, CloudFront, API Gateway), Docker, Kubernetes, CI/CD (Jenkins, GitHub)

Cybersecurity: Threat Analysis, Penetration Testing, Incident Response, Vulnerability Management

Testing & Tools: Test Equipment Handling, Data Analysis, OWASP Compliance, Splunk, AWS CloudWatch

Systems: Linux/Unix Administration, Apache, MySQL, LAMP Stack, macOS/Windows Troubleshooting

Certifications: CCNA, CCNP, AWS Certified Cloud Practitioner, Microsoft Certified: Azure Developer Associate

EXPERIENCE

Dreamscape Learn

May 2025 – Current

Pod Operator

Tempe, US

- Operated and maintained immersive AR/VR systems using Unity, Linux, and hardware diagnostics tools.
- Delivered hands-on technical support to students, VIPs, and faculty, resolving device, sensor, and software issues.
- Streamlined readiness with SOPs and Jira workflows, minimizing delays and improving session efficiency.
- Ensured equipment hygiene, calibration, and uptime through structured daily inspections and reporting logs.

AppWorld Infotech

Dec 2023 – May 2024

Cloud Administrator

Surat, Gujarat

- Boosted efficiency 20% through AWS Lambda integration and CI/CD pipelines using GitHub Actions and Jenkins.
- Migrated workloads with Docker and Terraform, reducing cloud cost by 26% and improving deployment speed.
- Maintained 99.9% uptime by configuring scalable web servers and optimizing MySQL on Linux platforms.
- Automated log monitoring with CloudWatch dashboards and alerts, improving troubleshooting time by 17%.

P P Savani University

June 2022 – May 2023

Network Administrator

Surat, Gujarat

- Improved uptime by 25% through Cisco device optimization, structured routing, and proactive network tuning.
- Resolved connectivity issues for 500+ users using Wireshark diagnostics, SNMP tools, and system logs.
- Strengthened infrastructure security with pfSense firewall, VPN configurations, and VLAN segmentation.

Techradix Technology

Aug 2021 – May 2022

Cybersecurity Analyst

Surat, Gujarat

- Reduced vulnerabilities by 20% through OWASP-aligned testing with Nessus, Metasploit, and code review.
- Enhanced incident response by 30% using Splunk and Graylog for log monitoring, triage, and threat analysis.
- Led phishing simulations and awareness sessions via LMS to improve staff compliance and reduce risk.

LEADERSHIP & AWARDS & PROJECT

AI-Powered Cloud Defense for Threat Detection | Cloud, Python, Deep Learning, NLP

Jan 2024 – Feb 2024

- Developed an AI-driven cybersecurity framework using CNNs and RNNs for cloud-based anomaly detection, malware classification, insider threat detection, and phishing mitigation, which improved detection accuracy and reduced manual triage time. Additionally, implemented interpretable AI ensembles and automated incident response workflows using NLP and deep learning, thereby accelerating real-time threat containment and enhancing resilience against zero-day attacks.

AWS Chatbot with NLP | AWS Lex, Lambda, Python

Dec 2023 – Jan 2024

- Automated 80% of queries via AWS Lex NLP, boosting IVR 20% & cutting workload 17% with routing.
- Engineered serverless backend (Lambda/Python) & CI/CD, improving accuracy 22% & satisfaction.

Google Developer Student Club (GDSC) | P P Savani University

- Led 10+ AWS/GCP/Azure workshops for 100+ students, mentored 30+ peers on cloud deployments and debugging Terraform/AWS Lambda projects, designed hands-on labs for Docker/Kubernetes, hosting a cloud hackathon that enabled 15+ scalable projects, boosting student confidence by 42%.

CERTIFICATE

- AWS Certified Cloud Practitioner
- Microsoft Certified: Azure Developer Associate
- Cyber Security Awareness Award
- Cisco Certified Network Associate (CCNA) & Cisco Certified Network Professional (CCNP)