




DHAVAL GHINAIYA

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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, JavaScript, PHP, SQL, HTML/CSS, Shell Scripting

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

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

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

EXPERIENCE

AppWorld Infotech

Dec 2023 – May 2024

Cloud Intern

Surat, Gujarat

- Deployed serverless AWS Lambda architectures on Linux systems, improving data processing efficiency by 20%.
- Configured Apache web servers and MySQL databases seamlessly for scalable applications, ensuring 99.9% uptime.
- Migrated legacy systems to AWS using Terraform successfully, reducing costs by 25% and enhancing scalability by 30%.
- Automated log analysis using AWS CloudWatch, reducing troubleshooting time by 15% and improving transparency.

Techradix Technology

May 2022 – May 2023

Cloud Trainee

Surat, Gujarat

- Learned to automate CI/CD pipelines with Jenkins and Docker, reducing deployment time by 40% mastering DevOps.
- Gained hands-on experience designing Linux infrastructure for AWS EC2, optimizing resource allocation.
- Acquired proficiency resolving hardware/software issues for 50+ macOS/Windows endpoints, improving reliability.
- Enhanced security protocols by configuring AWS IAM roles and policies, reducing unauthorized access incidents by 20%.

AppWorld Infotech

Jan 2021 – Jul 2021

Flutter App Developer

Surat, Gujarat

- Engineered scalable architecture with Firebase Firestore/Auth, streamlining sync & security to boost performance 25%.
- Developed cross-platform apps via Flutter SDK, achieving 95% code reuse & 30% engagement via adaptive UI/UX.
- Optimized app load times by implementing caching strategies, reducing initial load latency by 35%.
- Spearheaded 5+ Flutter/Dart apps, integrating Provider/Riverpod mgmt & Flutter Test automation cutting cycles 20%.

PROJECTS

Rock, Paper, Scissors AI Game | Python, AWS, Docker

Feb 2025 – Present

- Designed AI gesture recognition using Python/OpenCV with camera input, reducing input lag 40% via scripting.
- Trained TensorFlow model via AWS SageMaker (92% accuracy), deployed backend on EKS/Docker for low-latency.
- Automated CI/CD with GitHub Actions; monitored system health via CloudWatch, ensuring 99% uptime during usage.

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 15% with routing.
- Engineered serverless backend (Lambda/Python) & CI/CD, improving accuracy 25% & satisfaction.

Dynamic Tourism Portal | PHP, MySQL, Apache, HTML/CSS

Jul 2022 – Aug 2022

- Built a responsive website with PHP backend and MySQL database; configured Apache for hosting.
- Implemented CSS hover effects & transitions, enhancing visual interactivity and boosting page interaction time by 15%.

LEADERSHIP & AWARDS

International Student and Scholars Center (ISSC) | Arizona State University

- Coordinated 10+ campus events (festivals, workshops, orientations) for 50–200+ attendees, managing logistics, vendor relations, and engagement; collaborated with 15+ team members to troubleshoot AV/scheduling issues, executed budget tracking/post-event analysis to boost satisfaction 25%, and hosted 5+ sessions including speaker coordination/cleanup to foster inclusivity.

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 40%.