DHRUV MALI

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EDUCATION

Master of Computer Application
Parul University - Cloud Computing

📅 August 2024 – Present   📍 Vadodara, Gujarat, India

Bachelor of Computer Application
Parul University - Full Stack Web Devlopment

📅 August 2021 – April 2024   📍 Vadodara,Gujarat, India

12th Standard
Jeevan Bharti Educational School

📅 June 2020 - May 2021   📍 Surat, Gujarat, India

PROJECTS

AWS S3 Cloud Storage System   Live Link | GitHub

- Engineered a cloud storage web app using Python Flask and AWS S3 for secure file handling.
- Configured AWS S3 pre-signed URLs for secure and temporary file sharing, maintaining 99.99% uptime and preventing unauthorized access to over 750 files.
- Strengthened upload reliability with advanced error-handling to prevent common failures.
- Built a responsive Bootstrap 5 UI with real-time storage stats and a file management dashboard.
- **Technologies:** Python, Flask, AWS S3, Boto3

E-Commerce Website Platform   Live Link | GitHub

- Executed a full-stack Django e-commerce application with a product catalog, user authentication, and Stripe integration, achieving 99.99% reliable transactions.
- Integrated cart management for guest and authenticated users, automated stock tracking, and real-time inventory updates with secure Stripe Checkout workflows and order emails via Django signals.
- Implemented a responsive Bootstrap 5 + AJAX UI and containerized the application using Docker and Docker Compose, reducing setup time by 70%.
- **Technologies:** Django, Python, Stripe API, SQLite, Bootstrap 5, AJAX, Docker, HTML5, CSS3

Serverless To-Do List Application   Live Link | GitHub

- Optimized a full-stack serverless task management application using AWS Lambda, API Gateway, and DynamoDB, enabling scalable CRUD operations with 99.9% uptime and reducing infrastructure costs by 60% through AWS auto-scaling.
- Architected an optimized DynamoDB schema using efficient partition keys and GSI to maintain sub-100 ms response times, and integrated AWS CloudWatch monitoring with robust error handling for reliable system operations.
- Developed a responsive HTML5/CSS3/JavaScript frontend featuring real-time task updates and an intuitive dashboard for a seamless user experience.
- **Technologies:** AWS Lambda, API Gateway, DynamoDB, S3, CloudWatch, JavaScript, Node.js/Python, HTML5, CSS3

SKILLS

`Amazon Web Services` `EC2` `S3` `RDS` `CloudFront` `Azure` `CI/CD Pipelines` `Docker` `Terraform` `My Sql` `Git` `Git Hub` `REST API` `GitHub Actions` `JavaScript` `Python` `Django` `PHP` `HTML` `CSS` `Bootstrap` `Linux` `Shell Scripting` `Bash` `Monitoring & Logging`

EXPERIENCE

Full Stack Developer Intern CALCS | November 2023 – April 2024

- Delivered and deployed full-stack application features, improving user experience by **25%**
- Collaborated with a 1-member development team to implement scalable AWS solutions serving more than 50+ users
- Automated deployment workflows using GitHub Actions reduce deployment time by 20
- Integrated database connectivity and cloud storage

CERTIFICATIONS

- Microsoft Azure Fundamentals AZ-900
- AWS Certified Cloud Practitioner
- AWS Academy Graduate AWS Academy Cloud Foundations
- AWS Academy Graduate - Cloud Architecting
- Cloud AWS Certification Edition Webinar
- Database Management Systems DBMS Course: Master the Fundamentals Concepts

EXTRA-CURRICULAR

- AWS Cloud Club Member - Parul University
- Odoo Hackathon 2025
- AWS Cloud Summit 2025

AREAS OF INTERESTS

`Cooking` `Problem Solving` `movie` `Explore New Technology`