

DHRUV MALI

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Surat, Gujarat, India

in Dhruv-Mali10

Dhruv-Mali

EDUCATION

Master of Computer Application

Parul University - Cloud Computing

August 2024 – Present

Vadodara, Gujarat, India

Bachelor of Computer Application

Parul University - Full Stack Web Development

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 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

Web Development

movie

Explore New Technology