

# Harshavardhan Reddy

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## Introduction

Computer Science student focused on AI, DevOps, and automation. Passionate about building intelligent, real-world systems.

## Education

### Netturu Technical Training Foundation, Bangalore

Diploma in Computer Technology and IT infrastructure

June 2024 – Present

*Expected Graduation: 2027*

- GPA: 9.43/10

- **Coursework:** Data Structures & Algorithms, Operating Systems, Computer Networks, Database Systems, OOP, Cloud Computing, Machine Learning, DevOps

## Technologies

**Languages:** Python, JavaScript/TypeScript, Java, C/C++, SQL, Bash, Flask

**Tools/Tech:** React, Node.js, Docker, PostgreSQL, Linux, Cloudflare, GitHub Actions

## Projects

### QuantumFacts — Automated YouTube Shorts Generator

Oct 2025 | repo

- Built a pipeline that generates full YouTube Shorts autonomously — script → voiceover → video edit → export pipeline output
- Fully automated content generation using LLM scripts, FFmpeg video composition, and scheduling pipelines — eliminating manual editing and enabling scalable media automation
- Tools Used: Python, FFmpeg, AI APIs, Automation

### Medium Clone — Serverless Blogging Platform

Oct 2025 | repo

- Blogging platform with authentication, post management, and responsive UI
- Serverless backend using Cloudflare Workers for fast and scalable execution
- Tools Used: React, TypeScript, Cloudflare Workers, PostgreSQL

### AuraType — AI Autocomplete Browser Extension

Sep 2025 | repo

- Local-ML powered Chrome extension for AI text suggestions; all AI inference runs on-device ensuring privacy
- Tools Used: Svelte, JavaScript, TensorFlow.js, Chrome APIs

### RandoRoute — AI-Based Travel Discovery App (*In Progress*)

Nov 2025 | repo

- Recommends random travel places, calculates fuel costs, and suggests routes
- Intelligent trip suggestions based on preference inputs
- Tools Used: Flask, React Native, Google Maps API, PostgreSQL

## Certifications and Badges

**OCI Generative AI Professional** Oracle (Oct 2025)

**OCI Data Science** Oracle (Oct 2025)

**CCNA: Enterprise Networking & Security** Cisco (Sep 2025)

## Current Learning

Learning: MLOps, TensorFlow, Cloud Deployments