Pynala Sanjay

Visakhapatnam, Andhra Pradesh   8639954785   sanjaypyanala8740@gmail.com

---

PROFILES

in LinkedIn : Sanjay Pynala   Github : sanjay-1910   Leetcode : Pynala_Sanjay

---

SUMMARY

Aspiring **Full-Stack Developer & Cloud Enthusiast** with expertise in **Python, C++, Full-Stack Development, MYSQL database and Amazon Web Services**. Strong problem-solving skills with a solid grasp of **Data Structures and Algorithms**. Passionate about building scalable applications and automating cloud infrastructure, always eager to learn and innovate.

SKILLS

Programming : Python | C | C++

Web Development : HTML | CSS | Javascript | ReactJS | Node.js

Databases: MySQL | SQL

Cloud Technologies: Amazon Web Services (EC2, S3, Rekognition, Lambda, etc.)

Tools: GitHub | VS Code

Computer Fundamentals: Operating Systems | Object-Oriented Programming (OOP) | Computer Networks | Data Structures & Algorithms (DSA)

EDUCATION

Aditya Engineering College, Surampalem
Bachelor of Technology in Computer Science and Engineering (Pursuing)

- **Current CGPA**: 8.26

PROJECTS

Pet Care Platform   **January 2025**
🔗 https://petcare-frontend-psi.vercel.app/

Tech Stack: HTML, CSS, JavaScript, Node.js, MySQL, AWS RDS, Nodemailer, Google API

- Built and launched a complete **pet care web platform** to simplify **pet health management** for users, especially in urban and semi-urban areas.
- Set up secure login and registration using **JWT and bcrypt** to keep user data protected.
- Developed a vaccination scheduling system that stores data in **AWS RDS (MySQL)** and sends email reminders through **Nodemailer** to keep pet owners on track.
- Created a veterinarian search feature that shows nearby hospitals and doctors dynamically based on the user's location.
- Added a chatbot that helps users get instant answers to their questions in real time.
- Integrated **Google APIs** to allow users to get early insights into potential diseases based on entered symptoms.
- Designed the frontend to be **responsive** across all devices.

Hope Connect – Missing Person Identification using AWS Rekognition   **June 2025**
🔗 https://github.com/sanjay-1910/Hope-Connect

Tech Stack : (HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, AWS Rekognition, S3)

Hope Connect is a cloud-based web platform developed to help locate missing individuals by utilizing **facial recognition technology** through **Amazon Rekognition**. The platform allows users to report missing or found people by uploading images and details, which are then matched against a central image database to identify potential matches.

Key Features:

- Upload system for images of missing or found individuals
- Facial matching using **AWS Rekognition** (CreateCollection, IndexFaces, SearchFacesByImage)
- Image storage and retrieval via **Amazon S3**
- MongoDB-based dynamic report system with fields like name, age, last seen location/date, etc.
- Search and match interface for authorities and public users
- Backend built with **Node.js and Express**.

CERTIFICATIONS	C++ programming : Cisco Networking Academy	August 2023
	HTML | CSS | Javascript : Infosys Springboard	September 2023
	Cloud Computing: NPTEL	April 2024
	Cloud foundations : AWS Academy	July 2024
	Python Programming: Cisco Networking Academy	June 2025
	AWS Certified Developer - Associate : Amazon Web Services(AWS)	June 2025

INTERNSHIPS	Web Development Intern: Oasis Infobyte	August 2024
	Completed a web development internship at Oasis Infobyte, gaining hands-on experience with core web technologies including **HTML, CSS, and JavaScript.** Explored responsive design, dynamic UI development, and best coding practices to build efficient, user-friendly web applications.	
	AWS Development Intern: Technical hub	**June 2025**
	Built and automated **AWS** cloud solutions using **EC2, Lambda, S3, RDS, EBS, ELB, IAM, VPC, Route 53, CloudWatch, and SNS.** Created automated backup workflows, implemented scalable and fault-tolerant architectures, and monitored cloud activity using CloudWatch and CloudTrail — achieving higher availability, data protection, security compliance, and operational efficiency.	

Achievements and Milestones

1. Solved over 300 problems on LeetCode and more than 100 problems on GeeksforGeeks.
2. Participated in 15+ contests on CodeChef.
3. Achieved 3-star rating in Problem Solving on HackerRank, and 4-star ratings in Python and C++.
4. Participated in a Paper Presentation Competition held by SIMATS College, Chennai, and secured a position among the top 10 performers.