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## SUMMARY

Highly motivated and dedicated Computer Science Engineering Student with a strong academic background. Proficient in programming languages such as Python, Java. Skilled in problem-solving and analytical thinking, with a keen interest in web technologies.

## EDUCATION

**B.Tech.-Hyderabad Institute of Technology and Management** Nov 2022 - 2026

Computer Science and Engineering

CGPA : 9.75 (present)

**Intermediate- Alphonse Junior College, Karimnagar** 2020 - 2022

Mathematics, Physics and Chemistry (MPC)

Percentage : 95.7%

## SKILLS

**MERN Stack** MongoDB, Express.js, React.js, Node.js

**Frontend Development** HTML, CSS, JavaScript

**DSA** Python, Java

**Productivity & Data Tools** Excel

**Databases & Data Handling** SQL, MongoDB, Excel

## INTERNSHIP & TRAINING EXPERIENCE

**Java Foundations at Oracle Academy, Hyderabad**

 September 2023

**PCAP: Programming Essentials in Python at OpenEDG Python Institute, Hyderabad**


 September 2023

**Front-End Development (HTML5 & CSS3) at Telangana Academy for Skill and Knowledge (TASK), Hyderabad**


 December 2023

## CERTIFICATIONS

**Programming foundations with JavaScript, HTML, CSS - Duke University through Coursera.**

 January 2024 – March 2024

**Everyday Excel - University of Colorado Boulder through Coursera.**

 June 2024 – August 2024

**Technology Job Simulation – Deloitte Australia through Forage**

 July 2025

## Cryptography I - Stanford University – Coursera

📅 April 2025

## Introduction to MongoDB- MongoDB Inc. – Coursera

📅 Apr 2025

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### PROJECTS

#### 1. Expense Tracker Website

Internship Project, October 2024 – Present

Engineered an expense tracker website using React, Node.js, and MongoDB, incorporating user authentication and data validation; ensured 99.9% uptime through continuous integration and automated monitoring.

Leveraged Render's real-time hosting to establish 99.9% uptime for the expense tracker website, ensuring seamless accessibility for 50+ users and facilitating uninterrupted financial management.

#### 2. BugTracker - Issue & Task Management System

Personal Project, May 2025 – Present

Built a full-stack bug tracking web app using MERN stack with JWT-based authentication, dynamic ticket assignment, and role-based access.

Integrated dashboard visualization using Chart.js and implemented notifications for real-time updates.

Deployed securely using Render and integrated MongoDB Atlas for cloud data storage.

#### 3.DocSign - Digital Document Signing Platform

Individual Project, June 2025 – Present

Developed a document signing platform with React, Express.js, and PDF-lib enabling real-time digital signatures and secure PDF handling.

Implemented email-based signature links, public access options, and PDF viewer with annotations.

Handled authentication, file upload, and session control with role-based permissions and error handling.

#### 4.Crop Yield and Production Prediction Model

October 2024 – December 2024

Designed and implemented a crop yield prediction model using Machine Learning.

Utilized Multi-output Random Forest Regression to predict crop production based on various environmental and crop-related factors.

#### 5.Simulation Modelling of Traffic Flow

Course Level Project, May 2024 – July 2024

Developed and deployed a vehicle detection model with 98% accuracy using Roboflow.

Improved green signal timing for traffic flow efficiency using OpenCV in Python.

#### 6.Egg Timer App

Personal Project, March 2024

Built a lightweight egg timer app with pixel-style graphics and animations using HTML, CSS, JavaScript, and Electron.js.

Deployed using Electron for web access.

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### ADDITIONAL INFORMATION

- **Deloitte Australia Technology Job Simulation on Forage - July 2025**

Completed a job simulation involving development and coding

Wrote a proposal for creating a dashboard

- **Soft Skills** : Project Management, Presentation & Communication, Ability to Work Under Pressure, Ability to Multitask, Fast Learner

- **Languages** : English, Telugu

- **Awards & Activities** : Member of Google Developer Student Club (GDSC), R&D Executive

- Bronze badge in Problem Solving (Algorithms and Data Structures) on HackerRank