

Dharma Reddy Pandem

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EDUCATION

Texas A&M University-Corpus Christi | Corpus Christi, USA

Jan 2024-May 2026

Master of Science in Computer Science

- Registered courses: Algorithm analysis & Data Structures, Design & analysis of Computer Algorithms

Nalla Malla Reddy Engineering College | Hyderabad, India

Aug 2019–Jul2023

Bachelor of Technology in Computer Science and Engineering

- Relevant Coursework: Data Structures, Object-Oriented Programming with CPP and JAVA, Theory of Computation, Operating Systems, Database Management

RELEVANT EXPERIENCE

Ai4see, Bangalore — Website Development Intern

Mar 2023 - Jun 2023

- Design of the overall architecture of the web application
- Build reusable code and libraries for future use.
- Work on the optimization of the application for maximum speed and scalability
- Work on the implementation of security and data protection
- Work on the integration of the front-end and back-end aspects of the web application

SKILLS SETS

Programming Languages : C++, Python, C, JavaScript, Java,

Technologies : HTML, CSS, JavaScript, Bootstrap, React.Js, jQuery, RESTful APIs, Node.js

Database Management Systems : SQL, MySQL, MongoDB

Developer Tools : Linux, Git, VS Code, Eclipse, Pycharm, Android Studio, OBS,

ACADEMIC PROJECTS

Title: Real Time Number Plate Detection

Apr 2023

- **Description:** The goal of this project is to develop a system for recognizing vehicle number plates using existing surveillance cameras. The system will capture images of vehicles and use image segmentation to extract the number plate region and store and display data in website.
- **GitHub:** github.com/Dharmareddy8520/ANPR
- **YouTube:** www.youtube.com/watch?v=Owf1Tajbj7k&ab_channel=ramreddy

Title: DIGITALIZED CERTIFICATE GENERATION SYSTEM

Dec 2022

- **Description:** It is a web-based application that has the capability to automatically generate certificates in bulk. The primary objective of this project is to streamline the process of certificate generation, making it more efficient and timesaving.
- **Base paper:** ijsrem.com/download/digitalized-certificate-generation-system/
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CERTIFICATIONS:

Introduction to Programming Using Python–Udemy

April 2021

Cybersecurity Essentials – Cisco

July 2023