

PRANAV PATNALA

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PROFILE SUMMARY

A Computer Science Engineering Graduate with strong technical skills, problem-solving abilities, and a passion for innovation. Proficient in software and web development, eager to apply expertise in dynamic environments. Committed to continuous learning and collaborative teamwork to drive excellence.

EDUCATION

GITAM University | *Bachelor of Technology* | CSE | **CGPA: 8.31**
Sri Gayatri Jr College | *Intermediate Education* | **Percentage: 94.3%**
Chaitanya Public School | *Secondary Education* | **CGPA: 9.8**

Hyderabad, Telangana 2021-2025
Visakhapatnam, A.P. 2019-2021
Visakhapatnam, A.P. 2019

WORK EXPERIENCE

Web Developer Intern, UNIFIED Mentor | Remote

June 2024 - July 2024

Electric Vehicle Charging Station Finder (Ampcharge)

Designed and developed a full-stack web application using Node.js, Express.js, and MongoDB to facilitate EV charging slot booking and station management. Implemented key features such as user authentication, booking management, and an admin panel for managing charging stations. Integrated the Google Maps API for location-based services and real-time slot availability. Utilized React and Vite to create a responsive front-end ensuring smooth user experience.

PROJECT EXPERIENCE

Address Book

- An application designed for saving and managing contacts. The application allows individuals to input their phone number, and retrieve stored details as needed. This application was developed using Python, utilizing Tkinter python library for constructing GUI and SQLite3 to store the data.

UBSecure (OS Hardening Tool)

- Created during the 24 hour Smart India Hackathon 2023. This Python application is a user-friendly GUI built with PyQt, allowing users with minimal IT Knowledge to harden Ubuntu Systems as per Organisation Policies. PysonDB was used for storing templates in the database. Hardening codes written in Bash Scripts.

AI Desktop Assistant

- Developed a Python-based AI assistant using Pytsx3 and Speech Recognition, enabling users to interact with their desktop and online resources efficiently through hands-free voice control. Key features include application control, web search, YouTube playback, and email automation.

TECHNICAL SKILLS

- Programming Languages:** Python, JAVA
- Web Technologies:** HTML, CSS, React
- 3D Design & Modeling:** Fusion 360
- Databases:** SQL, MongoDB
- UI/UX Design & Prototyping:** Figma
- APIs & Integrations:** Google Maps API

CERTIFICATIONS

- [Deloitte Australia Data Analytics Job Simulation on Forage - February 2025](#)
- [Core JAVA\(LearnQuest\)](#)
- [Programming for Everybody \(Getting Started with Python\)](#)
- [Web Development Fundamentals \(IBM\)](#)

ACHIEVEMENTS

- Achieved 1st place in **TechEscapades**, a college-hosted technical treasure hunt competition.