M CHARAN YADAV

COMPUTER SCIENCE GRADUATE

EDUCATION

Currently pursuing B Tech in
KALASALINGAM ACADEMY OF RESEARCH AND
EDUCATION (2022-2026), Krishnan kovil-626126, Tamil
Nadu
CGPA: 9.23
Board of Intermediate -
Sri Chaithanya Collage, Vijayawada, Andhra Pradesh,
CGPA: 9.74
Schooling –
Keshava Reddy Concept School, Anantapur
CGPA: 9.68

CONTACT

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Flat No. 007, Rajahamsa Galaxy
Residency, Rudrampeta Bypass,
Anantapur-515001, Andhra Pradesh

TECHNICAL SKILLS & SOFT SKILLS

Programming Languages	Python (Proficient), Java, HTML, CSS, Dart(Flutter)
Frameworks & Libraries	Flask, FastAPI, WebSocket
Databases & Storage	MongoDB, Firebase Realtime DB
Tools & Platforms	Git, GitHub
Soft Skills	Effective communication, Critical Thinking, Time Management, Passionate towards work

PROJECTS

Quick Ryder : LINK
- Ride Sharing application for connecting day scholer students looking for ride with students having space for the ride.
- Developed using Flutter as frontend and Firebase as Backend & Database.
- Used cloud storage to store the license and personal proofs of the user.
- Realtime Database to manage the rides dynamically.

Innovation :
- Integrated Sleep detection system for safety.

AI Integrated Plant Management System : LINK
- Used a CNN model to accurately classify plant diseases from leaf images.
- Flask integration to handle image upload, dta processing, and real time predictions.
- Enabled quick diagnosis of plant diseases and recommanded treatment.
- Developed locally and in the cloud(e.g.,AWS) with future upgrade potential.

Online Voting Django : LINK
- The system enables authorized users to cast votes online without needing to visit physical polling stations, leveraging a centralized database to securely store voter information.
- User Registration & Authentication: Voters must first register (typically via an admin) to receive a unique voter ID. This authentication ensures only verified individuals can participate .
- Admin-Controlled Management: Role-based access distinguishes administrators (who register voters, manage elections, and oversee the system) from regular voters (who only cast votes).
- Built with Web Stack: Using commonly paired technologies (e.g., PHP, MySQL, JavaScript), the project provides a web-based interface along with setup instructions (like using XAMPP/phpMyAdmin), facilitating easy deployment .·

CERTIFICATIONS

- EUPHORIA – TECH FORGE CERTIFICATE OF APPRECIATION – Secured 2nd place
- VASISTA SAMSISTA IITDM HACKATHON CERTIFICATE OF APRECIATION
- KPR Institute of Engineering and Technology SDGTHON 25 – Finalist
- DATABASE MANAGEMENT SYSTEM – Code chef
- IBM ICE DAY Certificate of Appreciation – Secured 2nd place

HONORS & AWARDS

- Software Freedom Festival 2.0 – Finalis
- Euphoria – Secured 2nd place (among 90 teams)