

Mahankali Charan Raj

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OBJECTIVE

A self-motivated and dedicated undergraduate student with a passion for software engineering and a solid foundation in programming and problem-solving. Seeking a software engineer position to apply my skills, collaborate with cross-functional teams, and contribute to the development of innovative and efficient software solutions.

EDUCATION

VASAVI COLLEGE OF ENGINEERING, Hyderabad, India

2024

Bachelor of Engineering in Information technology

CGPA :7.76 (Current)

- Relevant Coursework: Algorithms design & analysis, Core Programming: C, C++, Python, Web Development, Database management systems, Computer Networks, Machine Learning, Artificial Intelligence, Software Engineering
- Swayam entrepreneur cell (Member), Acumen Vasavi technical fest (organizer for hack the code), Arts Club (lead)

NRI JUNIOR COLLEGE, Hyderabad, India

2020

Mathematics, Physics, Chemistry +2

Percentage: 96.1%

- Passed in first class with distinction and secured the top 10% in the outgoing batch of 300 and across the state.

T S S RES SCHOOL, Hyderabad, India

2018

SSC

CGPA: 8.7

- National Cadet Corps 'A' Certified cadet, House captain (oversaw class of 60 students)

SKILLS

- **Programming:** C, C++, Python, HTML, CSS, JavaScript, Java
- **Applications:** Salesforce, Microsoft Office, Cisco, Visual Studio Code, Putty
- **Soft Skills:** Problem Solving, Teamwork & Team building.
- **Additional:** SQL, MySQL, Agile, SDLC

PROJECTS

CULTIVO | HTML | CSS | JS | PYTHON | MySQL

- Developed a dynamic multilingual farming website using Python, HTML, and CSS, incorporating an integrated translator for universal language support, which enabled seamless information dissemination across diverse languages, ensuring accessibility to agricultural insights for users worldwide.
- Enhanced an ingenious AI-driven solution for detecting and addressing crop diseases, enhancing the efficiency and productivity of farmers and stakeholders.

QR CODE GENERATOR | PYTHON

- Designed and debugged a project task QR Code generator using Python, utilizing student IDs as the parameters.
- Integrated simplicity, customization, and scalability, and offered a valuable tool for educational institutions, organizations who seek to enhance their identification and data-sharing processes.

COLLEGE LIBRARY DATABASE | MySQL | JAVA

- Developed a College Library Database project, integrating SQL and Java, offering a user-friendly interface for database operations.
- Crafted an efficient Java-based system for college library data management, encompassing book search, student records, data backup, user authentication, and data validation.

ACHIEVEMENTS

- National Cadet Corps 'A' Certified cadet.
- Received district-level first prize in sustainable environment arts competition and participated in many state level art competitions.
- Awarded cash prize for being the winner of the software development quiz competition conducted by IIT Hyderabad.

EXTRACURRICULAR ACTIVITIES

- Arts, Crafts, and Painting: Enthusiastic about arts and crafts, with a passion for painting
- Volunteer for Street Cause: Actively participated in volunteer work for street causes, dedicated time to contribute to the community.

CERTIFICATIONS

- HackerRank (Problem Solving, SQL)
- CCNA: Introduction to Networks
- NPTEL: Programming in Java