

CHARANYA CHILUKA

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Github:www.github/charanyachiluka

Portfolio Website:

<https://github.com/charanyachiluka/charanyachiluka.github.io>

Professional Summary

Aspiring BTech student with a passion for technology and innovation. Demonstrates a strong interest in learning and developing new skills. Eager to contribute to team-oriented environments and take on challenging projects. Committed to continuous personal and professional growth. Ready to leverage a strong work ethic and enthusiasm to make a positive impact in the field of technology

EDUCATION

Gokaraju Rangaraju Institute of Engineering & Technology BTech in Computer Science & Engineering - CGPA: 7.8 Courses: Databases, Operating Systems, Data Structures, Machine Learning, Computer Networks	Hyderabad, India 2023 - 2026
Dr.B.R Ambedkar Govt Polytechnic For Womens Diploma in Computer Science & Engineering - CGPA: 9.2	Karminagar, India 2020-2023
Telangana state model school,Garrepally CGPA: 10.0	Peddapally, India

SKILLS

<ul style="list-style-type: none">Programming:Development:Databases:Version Control:Soft Skills:	<ul style="list-style-type: none">JAVA, Python, C/C++HTML, CSS, JavaScript, React.js, Node.js, Express.js, BootstrapMySQLGitHubAnalytical Thinking, Teamwork & Collaboration, Communication, Adaptability, Leadership, Continuous Learning.
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PROJECTS

- E-Commerce Platform Development:** Designed and developed a full-stack e-commerce platform using React and Node.js. Integrated a secure payment gateway and implemented user authentication. Optimized database queries, reducing page load time by 40%. (2024)
- Guided Eye(Ongoing):** Developed a smart Android application designed to assist visually impaired individuals by integrating voice command recognition, object detection, text reading (OCR), and real-time navigation. Implemented ML Kit for text recognition and integrated Google Maps API for navigation guidance. Enabled hands-free interaction using voice commands to enhance user accessibility and independence.(2025)
- Medical Image Analysis:** the development of a machine learning model to analyze medical images, improving diagnostic accuracy by 20 percentUtilized Python, TensorFlow, and OpenCV to preprocess and classify images, achieving a 95 percent accuracy rate .Implemented data augmentation and transfer learning techniques, reducing training time by 30 percentage.

CERTIFICATIONS

- Data Science for Engineers - NPTEL