

J. Rakesh

Roll No.: 22881A1220

github.com/rakki2024

portfolio-seven-pi-q75skyomgq.vercel.app

+91-9182013721

jellabalakrishna67@gmail.com

linkedin.com/in/j-rakesh-bb8213256

CAREER OBJECTIVE

A dedicated Information Technology student with a solid grounding in cloud computing, software development, and intrinsically motivated to convert theory into practice, thus contributing to meaningful projects in cloud computing and software development.

EDUCATION

- **Bachelor of Technology in Information Technology, JNTUH** 2022–26
Vardhaman College of Engineering, Shamshabad CGPA: 8.58
- **Intermediate in MPC, Telangana Board of Intermediate Education (TGBIE)** 2020–22
MJPTBCWREIS, Marketpally Percentage: 96.7
- **Tenth Class, Telangana Board of Secondary Education (BSET)** 2020
Model School, Neredugommu Percentage: 10.0

PROJECTS

- **Realtime Chat App** Mar - May 2024
Developed a real-time chat application using MERN stack with socket-based messaging and dynamic user interface.
 - Designed and developed a real-time chat application with one-on-one and group messaging features using the MERN stack.
 - Technologies Used: MongoDB, Express.js, React.js, Node.js, Socket.IO
- **AI-Powered Meditation and Exercise Assistant with Real-Time Posture Feedback** Jan - Apr 2025
Built an AI-driven chatbot focused on meditation and exercise, offering voice-assisted, point-wise guidance through NLP.
 - Integrated posture analysis using MediaPipe Pose to evaluate exercise images and provide corrective feedback with reference visuals.
 - Deployed the web application using Flask and OpenRouter API, ensuring dynamic, interactive, and user-friendly health and wellness support.
- **Voice Synthesizer using Gloves** Mar - May 2023
A device which converts hand gestures to voice, enabling communication for speech-impaired individuals.
 - The glove is equipped with flex and motion sensors that detect hand gestures and translate them into corresponding speech output.
 - Designed for speech-impaired individuals, it enables real-time verbal communication by synthesizing voice based on predefined gestures.

INTERNSHIP

- **TCS CyberSecurity Analyst** May - July 2024
Online
 - Analyzed system vulnerabilities, performed risk assessments, and recommended mitigation strategies.
 - Assisted in detecting, analyzing, and responding to cybersecurity threats and incidents.
 - Gained hands-on experience with firewalls, intrusion detection systems (IDS), and SIEM tools.
 - Assisted in identifying security weaknesses through vulnerability assessments and penetration testing.
- **Front End Web Development by Prodigy Tech.** Mar - Apr 2025
Online
 - Collaborated with a team of developers to build and enhance responsive web applications using HTML, CSS, JavaScript, and React.js.
 - Contributed to the design and development of user-friendly interfaces and interactive components.

TECHNOLOGIES

Languages: Java, Html, Css, JavaScript, Python, C++

Frameworks & Libraries: React, Express, Node.js, Flask

Technologies: MERN Stack, REST API, Socket.io, MongoDB, Git

SOFT SKILLS

- Leadership Qualities
- Effective Team Member
- Conflict Resolution
- Being Empathetic

CERTIFICATES

- **Programming in Java**, Swayam, NPTEL, July – October 2023.
- **Ethical Hacking**, Swayam, NPTEL, July – October 2024.
- **Foundation - Employability Skills**, Wadhwani Foundation, Jan – March 2025.

ACHIEVEMENTS

- Rated 1349 in coding platform, Leetcode with ID 'jellarakesh'.
- Rated 1209 in coding platform, CodeChef with ID 'jellarakesh'.

Jella Rakesh