

# Joshnavi Paladugu

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## SUMMARY

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Pre-final year Computer Science student skilled in software and full-stack development. Motivated to build scalable, efficient solutions and contribute to impactful real-world projects.

## EDUCATION

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**CMR College of Engineering and Technology, Hyderabad** 2023 – 2027

Bachelor of Technology in Computer Science and Engineering (AIML), CGPA: 9.1

**Sri Chaitanya Junior College, Hyderabad** 2021 – 2023

Intermediate MPC, Percentage: 98.5%

## SKILLS

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**Programming:** C, Java, Python

**Web Development:** HTML, CSS, JavaScript, React.js, Node.js, Express.js

**Databases:** MySQL, MongoDB

**Tools:** Git, GitHub, Visual Studio Code

**Core CS:** Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Operating Systems, Computer Networks

**Coding Profiles:** [LeetCode](#)   [GeeksforGeeks](#)   [MentorPick](#)

## PROJECTS

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**SmartRedressal** - MERN Stack, JWT, Python, Flask, NLTK, scikit-learn

- Developed a full-stack AI grievance redressal platform with 100% role-based access control, enhancing security.
- Integrated a lightweight Python microservice for automated complaint categorisation and priority detection, achieving 85% classification accuracy.

**ResumePilot.AI** - React, Node.js, Express.js, MongoDB, JWT, Groq API

- Built an AI-based resume optimisation platform that provides ATS scores, generates tailored cover letters, and creates ATS-friendly CVs aligned with job descriptions, improving resume relevance by 70%.
- Automated CI/CD pipelines using GitHub Actions with Render and Vercel to ensure reliable deployments.

**SkyCast** - React.js, Material UI, OpenWeather API

- Engineered a real-time weather application using OpenWeather API, improving user experience by 30%.
- Strengthened application reliability by 40% through environment-based configuration and structured error handling.

## ACHIEVEMENTS & MENTORSHIP

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- Top 25 finalist in Being Zero Coding League (BZCL) 1.0 and 2.0.
- Solved 500+ DSA problems across LeetCode and GeeksforGeeks.
- Mentored first-year students in programming fundamentals and problem-solving concepts.

## CERTIFICATIONS

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- Supervised Machine Learning: Regression and Classification – [Certificate](#)
- Python 101 for Data Science – [Certificate](#)