

# Ramu Salkam

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Dynamic and results-driven tech enthusiast with strong expertise in Python, Java, MySQL, HTML, and CSS. Proven experience in leading and executing innovative projects with a problem-solving mindset. Adept at leveraging technical knowledge and teamwork to deliver impactful solutions, optimize processes, and drive continuous improvement.

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## Skills

- **Languages:** Python, Java, MySQL, HTML, CSS
  - **Microsoft Office Suite:** PowerPoint, Word, Excel
  - **Soft skills:** Communication skills, Adaptability, Teamwork and Time Management
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## Education

**B.Tech (ECE)** 2020–2024

Malla Reddy College of Engineering and Technology, Hyderabad | CGPA: 7.8/10

**Intermediate (MPC)** 2018–2020

Sri Chaitanya Junior Kalasala | Percentage: 94.8

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## Projects

**WhatsApp Chat Analyzer | Team Lead**

August–November 2023

- Led a team to develop a robust application for analyzing WhatsApp chats, identifying security threats, and automating sentiment analysis processes.
- Designed data visualization dashboards using Matplotlib and Pandas, providing actionable insights through graphical and pie chart reports.
- Automated chat sentiment analysis processes, resulting in a significant improvement in reporting accuracy and efficiency.
- Collaborated effectively with the team, meeting all project deadlines while ensuring high-quality deliverables.

**Student Recognition and Data Collection Application | Team Lead**

February–March 2023

- Led a team to develop an optimized facial recognition-based attendance system using OpenCV and Machine Learning algorithms.
  - Developed and maintained an efficient database to track attendance and improve data accuracy for better reporting.
  - Optimized data collection and verification processes, troubleshooting issues to ensure the system's reliability and performance.
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## Achievements

- Selected for Smart India Hackathon 2022, conducted by the Ministry of Education's Innovation Cell (AICTE), for proposing an innovative smart jacket idea to enhance the safety of coal mine workers.
  - Successfully completed a virtual internship at Deloitte through Forage, gaining hands-on experience in coding, Data Analysis, Cyber Security and Forensic Technology.
  - Earned certifications in Machine Learning, Deep Learning, Web Development, and Data Visualization from platforms such as Coursera and Pupilfirst.
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## Extra-Curricular Activities

- Content Creator at [telugucarinfo.tech](http://telugucarinfo.tech) – A blog focused on car-related information.
- Hackathon Participant – Participated in various coding challenges and hackathons.