

Ramcharan Sammeta

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Professional Summary

Proactive and solution-driven Computer Science undergraduate with hands-on experience in building scalable, real-time systems. Demonstrates strong command of python OOPs, and systems thinking with a growth mindset aligned to Microsoft's mission.

Education

B.Tech in Computer Science Bharath Institute of Science and Technology GPA: 8.04 / 10	2025
Intermediate in MPC Narayana Junior College GPA: 9.64 / 10	2021
SSC City Central School GPA: 9.3 / 10	2019

Projects

Machine Failure Detection System – Built a predictive maintenance system leveraging IoT sensor data and LSTM to identify machine failure patterns in real time. Improved uptime by proactively alerting anomalies 2–3 hours before failure, reducing downtime significantly.
Tools Used: Python, LSTM, LightGBM

Green Fields – E-Farming System – Engineered a web-based platform to streamline communication between farmers and buyers. Designed RESTful components and real-time updates, enhancing data delivery and user trust in the supply chain.
Tools Used: HTML, CSS, JavaScript.

Skills

- **Languages:** Python, SQL, powerbi, tableau, machine learning.
- **Frameworks & Tools:**LightGBM, LSTM, regression.

Languages

- English
- Telugu
- Hindi