

Rashmi Chandana Jannu

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Career Objective

Computer Science undergraduate with working knowledge of Data Structures and Algorithms. Experience in building real-world solutions across IoT and web technology, with GitHub contributions and hands-on projects. Seeking to apply problem solving and software development skills in an impact-driven tech environment.

Education

Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad Aug 2022 - Jun 2026
Bachelor of Technology in Computer Science and Engineering

- CGPA: 9.08/10 (Till 5th Semester)

Narayana Junior College, Hyderabad Aug 2020 - Jun 2022
INTERMEDIATE

- Achievements: 12th: 98.5%, 10th: 10 GPA

Technical Skills

Languages: C, Java, Python, JavaScript, HTML, CSS, SQL, MongoDB

Frameworks & Tools: React, Spring Boot, Docker, Linux, Git, GitHub

Experience

AICTE Data Engineering Virtual Internship July 2024 - Sep 2024
◦ Virtual Internship in Data Engineering on AWS Cloud, includes AWS services like S3, Glue, and Redshift.

Projects

Barter: A Peer-to-Peer Skill Exchange Platform Apr 2025 - Jun 2025
React, Node.js, MongoDB, ML

- A full-stack skill exchange platform enabling users to match, teach, and learn skills globally.
- Built a content-based recommender in Python using scikitlearn to match users by skills and learning styles.
- Engineered RESTful APIs, real-time chat, and MongoDB Atlas for dynamic user management.

IoT-Based Smart Industrial Safety System Jan 2025 - May 2025
ESP32, Arduino, Firebase

- Developed an IoT system using ESP32 for real-time fire, gas, temperature, and smoke monitoring.
- Built instant alerts feature via buzzer, LED, Firebase, and Blynk with improved response time by < 3s.
- Automated emergency SMS alerts to services using Twilio with < 5s latency.

Email server deployment with malware protection Nov 2023 - Mar 2024
Postfix, Dovecot, ClamAV

- A secure Linux-based email server using Postfix and Dovecot with spam filtering and TCP/IP protocols.
- Implemented authentication via SPF, DKIM, and DMARC to prevent spoofing/phishing.
- Integrated ClamAV for real-time malware scanning, improving system reliability.

Achievements

Infosys Pragathi Path to Future Trainee (Cohort 3) Infosys Oct 2024 - Dec 2024

Certifications

CCNA: Enterprise Networking, Security, and Automation Cisco NetAcad Apr 2025

Google Cloud Computing Fundamentals Google Cloud Skills Boost Apr 2025

AWS Academy Cloud Foundations AWS Academy Dec 2023