Yeruva Sanjana Reddy

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EDUCATION

Indian Institute of Information Technology, Jabalpur 2023 – 2027
B.Tech in Electronics and Communication Engineering | CPI: 8.1

SKILLS

Programming Languages: C++, Python, JavaScript, SQL
Computer Science Fundamentals: Data Structures & Algorithms, Object-Oriented Programming, DBMS, Operating Systems, Computer Networks
Software Engineering: Problem Solving, Debugging, Code Optimization, API Design, Version Control (Git)
Frameworks & Tools: React, Node.js, Express, Flask, MongoDB, MySQL, Postman, VS Code
Engineering Practices: Agile Development, SDLC, Unit Testing, Performance & Reliability Optimization
Professional Skills: Team Collaboration, Clear Technical Communication, Stakeholder Interaction, Time Management, Ownership & Accountability

EXPERIENCE

Full Stack Developer Intern | Infosys Springboard Aug 2025 – Oct 2025
- Designed, developed, and tested a **full-stack software solution** supporting **200+ active records**, following clean architecture and modular API design.
- Applied **data structures and algorithmic logic** to implement a rule-based decision engine, ensuring correctness and efficient execution.
- Wrote clean, testable, and maintainable code following industry best practices; reviewed peer code and incorporated feedback to improve overall code quality.

AI & ML Intern | IBM SkillsBuild June 2025 – July 2025
- Built and optimized a **Python-based data pipeline** for **6,700+ records**, ensuring efficient and structured analysis.
- Improved model performance to **97% R^2** through experimentation, demonstrating strong analytical reasoning and rapid learning.

PROJECTS

SkillGap – Learning Path Recommendation Engine | Node.js, Python (Flask) | [GitHub](#)
- Built a **service-based backend system** using Node.js and Python (Flask) to analyze skill gaps and generate role-based learning recommendations.
- Handled input validation, error cases, and performance-aware API design to improve **reliability under concurrent requests**.

KisanConnect – Farmer–Consumer Marketplace | Node.js, Express, MongoDB, JWT | [GitHub](#)
- Developed a **multi-user software platform** with secure authentication and role-based access control.
- Optimized backend logic and database queries, reducing response latency by up to **90%** and improving system throughput.

COMPETITIVE PROGRAMMING

- Solved **500+ problems** across LeetCode, CodeForces, CodeChef.
- [LeetCode](#): **1850 (Knight)**, [CodeChef](#): **1680 (3-star)**, [CodeForces](#): **1249 (Pupil)**.

ACHIEVEMENTS

- Ranked **Top 4000 out of 20,000+** participants in AlgoUniversity national coding challenge.
- Contributed to open-source projects through **GirlScript Summer of Code (GSSoC)**.
- Selected as a **Google Women Techmakers Mentor**, mentoring **15+ students** in programming and career.
- Achieved **Top 2%** nationwide in SWAYAM Database Systems course.

CERTIFICATIONS

- **IBM Data Science Professional Certificate** — Python, SQL, data analysis

POSITION OF RESPONSIBILITY

Electronics and Robotics Society (ERS) Nov 2023 – Oct 2024
Core Member
- Mentored **20+ juniors** in electronics and system design concepts.
- Organized **2 technical workshops** impacting 200+ students.