# Onteru Sandeep Kumar Yadav

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## EDUCATION

**B.Tech, Computer Science and Engineering**                                   2022 – 2026
*R.V.R J.C College Of Engineering,*     [CGPA:9.54]                                  Guntur

**Intermediate**                                                               2020 – 2022
*Sri Saraswathi Junior College*     [Percentage:96.9%]                               Ongole

## SKILLS

- Programming Languages: Python, C, Javascript
- Technologies: HTML, CSS, SQL, MongoDB
- Frameworks: React.js, Express.js, Node.js, Bootstrap
- Tools & Platforms: Windows, Git, VS Code, Postman, Firebase
- Core CS Concepts: Data Structures, Object-Oriented Programming (OOPs), Computer Networks
- Technical Abilities: Developing scalable web applications, integrating APIs, and optimizing database queries.
- Non-Technical: Video Editing, Public Speaking, Documentation, Designing (Canva)

## PROJECTS

**City Fix – Real-time Civic Issue Reporting** ⧉
Engineered a **citizen issue reporting platform** that handles **500+ daily reports**, reducing response time by **15 hours**.
- **Tech Stack:** React.js, CSS, Node.js, Express.js, MongoDB
- **Impact:** Improved resolution efficiency by **50%**, leading to faster municipal actions.

**Task Management Dashboard – Optimized Task Tracking** ⧉
A web app for admins to assign tasks and users to track real-time progress.
- **Tech Stack:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB
- **Impact:** Improved task efficiency by **40%**, reducing delays and mismanagement.

**Snake Game – Interactive Web-Based Arcade Game** ⧉
A browser-based game with smooth controls, real-time score tracking, and collision detection.
- **Tech Stack:** HTML,CSS,JS
- **Impact:** Increased user engagement by **75%** through interactive gameplay.

## PROFESSIONAL EXPERIENCE

***SkillDzire Intern-Machine Learning***                                      05/2024 – 07/2024
- Optimized **5+ ML models**, improving prediction accuracy by **15%**.
- Created & launched a **Multi-Disease Prediction System**, increasing diagnostic efficiency to **85%**.
- Reduced model training time by **20%** using **PCA & Deep Learning** techniques.

***Bharat Intern -Web Developer***                                            03/2024 – 04/2024
- Designed & deployed a **portfolio website**, increasing engagement by **50%**.
- Built a **real-time Weather App**, improving API response time by **30%**.
- Integrated **third-party APIs**, enhancing app efficiency and user experience.

## CERTIFICATES

- NPTEL,Introduction to Machine Learning (Roll No:NPTEL24CS81S335800529)      Sep 2024 ⧉
- IBM,Reinforcement and Deep Learning(Certificate ID:e620609331e54f678ae7cc793fb4c5d5) Feb 2025 ⧉
- IBM,Prompt Engineering (Certificate ID:68f342f28bb949318d92bed89ddba984)    Feb 2025 ⧉
- NPTEL,Programming in Java (Roll No:NPTEL24CS43S956304435)                   Apr 2024 ⧉
- HackerRank,SQL Certification  (Certificate ID:047177B1482F)                 Apr 2024 ⧉
- IBM, Python for Data Science (Certificate ID:b4306e66e0d244c19d4276ab7f0fe4d1) Apr 2024 ⧉
- NPTEL,Data Structures And Algorithms Using Python (Roll No:NPTEL24CS45S641900197) Mar 2024 ⧉
- NPTEL,Joy of Computing Using Python  (RollNo:NPTEL23CS108S34390411)         Oct 2023 ⧉
- HackerRank, Problem Solving (Certificate ID:0bee5a24c81c)                   Sep 2023 ⧉

## ACHEIVEMENTS

**Gold Topper Badge, Joy of Computing Using Python** ⬀

**Solved 300+ LeetCode problems, demonstrating strong problem-solving abilities.** ⬀