






Onteru Sandeep Kumar Yadav

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ABOUT

Final-year engineering student with practical experience in full-stack web development through internships and academic projects. Proficient in Python, React.js, Next.js and GraphQL with a strong understanding of object-oriented programming and software development lifecycle.

EDUCATION

B.Tech, Computer Science and Engineering
R.V.R J.C College Of Engineering, [CGPA:9.43]

2022 – 2026
Guntur

SKILLS

- Programming Languages: Python, Javascript
- Technologies: HTML, CSS, SQL, MongoDB
- Frameworks & Libraries: React.js, Next.js, Bootstrap
- APIs: GraphQL (queries & mutations), REST APIs
- Tools & Platforms: Windows, Git, GitHub, VS Code, Netlify, Render
- Core CS Concepts: Data Structures, Object-Oriented Programming (OOPs), Computer Networks
- Technical Abilities: Building scalable web applications, integrating GraphQL/REST APIs, and optimizing database queries.
- Non-Technical: Video Editing, Public Speaking, Documentation, Designing (Canva)

PROJECTS

City Fix – Real-time Civic Issue Reporting

- **Tech Stack:** React.js, CSS, Node.js, Express.js, MongoDB
- Developed a full-stack application enabling citizens to report local issues in real time.
- Handled 500+ daily reports, reducing average municipal response time by 15 hours.
- **Impact:** Improved resolution efficiency by **50%**, leading to faster municipal actions.

Task Management Dashboard – Optimized Task Tracking

- **Tech Stack:** React.js, Tailwind CSS
- Developed a web app for admins to assign tasks and users to track real-time progress.
- Utilized LocalStorage for storing admin and user details, enabling smooth user experience.
- **Impact:** Enhanced task visibility and efficiency, reducing project delays by 40%.

PROFESSIONAL EXPERIENCE

React Full Stack Intern-Vithi IT Solutions

05/2025 – present
Hyderbad









- Contributed to the design and development of dynamic web applications using React.js, Next.js and TailwindCSS ensuring responsive and user-friendly interfaces.
- Integrated GraphQL operations and refactored frontend components, improving application speed by 20%.
- Assisted in implementing authentication systems, ensuring secure login processes for users.
- Collaborated with senior engineers to debug and resolve technical issues across the stack.
- Engaged in weekly sprint planning, improving communication and project delivery timelines.

SkillDzire Intern-Machine Learning

05/2024 – 07/2024
Virtual

- Trained and fine-tuned over 5 machine learning models, increasing prediction accuracy by 15%.
- Created and launched a multi-disease prediction system, increasing diagnostic efficiency to 85%

CERTIFICATES

- | | |
|---|--|
| • NPTEL, Introduction to Machine Learning (Roll No: NPTEL24CS81S335800529) | Sep 2024  |
| • 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 (Roll No: NPTEL23CS108S34390411) | Oct 2023  |
| • HackerRank, Problem-Solving (Certificate ID: 0bee5a24c81c) | Sep 2023  |

ACHEIVEMENTS

Gold Topper Badge in NPTEL Course: Joy of Computing Using Python 

Solved 300+ problems on LeetCode, building strong algorithmic and coding skills 