






# 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.

## 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

### Task Management Dashboard – Full Stack Task Tracking

- **Tech Stack:** Next.js (Client-Side), Node.js, Express, MongoDB, Tailwind CSS, NodeMailer
- Engineered a **full-stack task management system** with admin/user dashboards for real-time task assignment and progress tracking.
- Built a **Next.js frontend** (CSR) with dynamic routing, state management, and a responsive UI using Tailwind CSS.
- Built a **RESTful API backend** with Node.js & Express for CRUD operations, authentication, and task management.
- Implemented **JWT-based authentication** for secure admin/user access control.
- Utilized **MongoDB** for storing task details, user data, and status history.
- **Impact:** Improved task visibility and team efficiency, reducing project delays by **40%**.

### City Fix – Real-time Civic Issue Reporting

- **Tech Stack:** React.js, CSS, Node.js, Express.js, MongoDB
- Built a full-stack web application using **React.js, Node.js, Express.js, and MongoDB** that allows citizens to report local civic issues (like potholes, garbage, etc.) in real time.
- Developed robust backend logic for user authentication, complaint management, and admin controls, including real-time updates and task assignment.
- Designed a **responsive UI with CSS and React.js**, ensuring a smooth user journey across devices for both citizens and administrators.
- Handled 500+ daily reports, reducing average municipal response time by 15 hours.
- **Impact:** Improved resolution efficiency by **50%**, leading to faster municipal actions.

## PROFESSIONAL EXPERIENCE

### React Full Stack Intern-Vithi IT Solutions

05/2025 – present  
Hyderabad

- 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 overall application speed by **20%**.
- Assisted in implementing secure **authentication systems**, enhancing login reliability and user data protection.
- Collaborated with senior engineers to debug and resolve technical issues across the full stack.
- Participated in weekly **Agile sprint planning**, improving team communication and project delivery timelines.
- Designed and developed the **admin dashboard** for **QR Gate**, supporting seamless creation and management of students, staff, wardens, and gate personnel.
- Implemented dynamic forms and data views to efficiently **add and monitor student outing data**, enhancing administrative oversight and operational clarity.









## EDUCATION

### B.Tech, Computer Science and Engineering

R.V.R J.C College Of Engineering, [CGPA:9.44]

2022 – 2026  
Guntur

## 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

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Gold Topper Badge in NPTEL Course: Joy of Computing Using Python [↗](#)

Solved 300+ problems on LeetCode, building strong algorithmic and coding skills [↗](#)