

# Syam Yadavalli

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## EDUCATION

### B. Tech, Biotechnology Engineering

2019 – present | Raipur, India

NIT Raipur

- Current CGPA: 8.03/10

## PROFESSIONAL EXPERIENCE

### NxtGen Esports

04/2021 – 06/2021 | Work From Home, India

Fullstack Engineer

- Developed and deployed a full-stack web application using the MERN stack (**MongoDB, Express.js, React.js, and Node.js**), incorporating multiple JavaScript-based technologies.
- Utilized third-party libraries and integrated them seamlessly into the application, resulting in an accelerated development process and enhanced scalability of the site.
- Collaborated closely with the development team to contribute to **agile** sprints, architectural decisions, and design considerations.
- Demonstrated proficiency in version control and deployment using Git, ensuring smooth project collaboration and efficient code management.
- Acquired hands-on experience with package managers like **npm** and **JWT** to effectively manage dependencies and streamline the development workflow.
- Showcased strong problem-solving skills and an ability to adapt to evolving technologies and project requirements.

## SKILLS

MERN Stack | Typescript | NextJs | Django | SQL | DBMS | ReactJS | Node.js | Express.js

MongoDB | Python | OS | GCP ACE | CI/CD | GIT | SCRUM | Linux | JSON

## PROJECTS

### Project H2O

02/2022 – present

- Developed a **MERN Stack Website** with an automated system leveraging **IoT** technology to detect water flow and calculate Non-Revenue Water, significantly improving water management efficiency.
- Integrated an **Interactive Geographical Map** feature to visualize monthly revenue loss and identify root causes, enabling proactive decision-making and mitigation strategies.
- Created a comprehensive business model for the implementation of the system in the city of Raipur, including cost estimation and revenue analysis, highlighting the potential financial benefits and return on investment.

## POSITIONS OF RESPONSIBILITIES

### Technocracy

2020 – present | Raipur, India

Head Coordinator - Tech Domain

- Spearheaded development of college's Technical Committee website as Head Coordinator, managing project lifecycle from concept to deployment.
- Organized and led Hackathons and Technical events, fostering a vibrant tech community and showcasing student skills.
- Demonstrated commitment and expertise as dedicated member of Technical Domain for three consecutive years, contributing to committee's growth and success.

## ACHIEVEMENTS

- All India Top 3 Finalists in **Smart India Hackathon**

## INTERESTS

History | Movies | travelling | Coding

## CERTIFICATES

**Google Cloud Platform - Associate Cloud Engineer**

Google Cloud Certified Cloud Engineer

## LANGUAGES

Telugu | English | Hindi