

Syam Yadavalli

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EDUCATION

B. Tech, Biotechnology Engineering

2019 – 2023 | Raipur, India

NIT Raipur

- Current CGPA: 8.06/10

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 – 03/2022

- 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 – 2023 | 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