

Shiva Kumar Kothapally

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Experience

Full Stack Developer Intern – E-commerce Domain

March 2025 – June 2025

Cognizant Technology Solutions, Chennai

- Developed an E-commerce platform for **5,000+** users using **Java**, **Spring Boot**, and **ReactJS**, collaborating in an agile team of 5.
- Built and deployed **5+ scalable microservices**, reducing backend downtime by **20%**, and designed **RESTful APIs** to boost frontend-backend sync speed by **30%**.
- Followed best practices in version control and build automation using **Git**, **Postman**, and **Maven**, supporting for faster delivery.

Projects

Utility Asset Maintenance Tracker : SPRING BOOT, MICROSERVICES, JWT, REACTJS

- Built a full-stack web application to manage the lifecycle of utility assets like **transformers**, **pipelines**, and **sub-stations**, tracking **100+ field units** in real-time.
- Developed and deployed **Spring Boot microservices**, improving backend scalability and maintainability by **40%**, with secure data flow via **JWT-based authentication**.
- Designed a responsive frontend using **ReactJS**, reducing manual tracking effort by **35%** and enhancing user experience across departments.

Hospital Management System : MONGODB, NODEJS, EXPRESS, JWT, DOTENV

- Created a secure hospital management system using the **MERN** stack, efficiently managing **1,000+** patient records with role-based access controls.
- Reduced patient management time by **30%**, automating scheduling and streamlining record-keeping for **500+** patients.
- Integrated JWT authentication and MongoDB Atlas, ensuring secure data management and optimizing API performance for **1,000+** requests per minute.

Skills

Programming Languages: C, C++, Java

Core Skills: Object-Oriented Programming (OOPS), DBMS, SQL

Web Development: HTML, CSS, JavaScript, ReactJs

Tools & Frameworks: SpringBoot, Spring Data JPA

Databases: MySQL, MongoDB

Developer Tools: Git, GitHub, PostMan, VS Code, STS Tool

Education

B. Tech - Computer Science and Engineering (Data Science)

2021-2025

VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad

CGPA: 7.88

Intermediate

2021

New Kakatiya Junior College, Nizamabad

Marks: 880/1000

10th

2019

SFS High School, Nizamabad

CGPA: 9.3

Certifications & Achievements

- Secured **top 5%** rank among **10,000+** peers in the **NPTEL Data Science for Engineers** course; certified in **Cloud Computing**.
- Earned the **Smart Coder Certificate** from Smart Interviews, ranking **2052** out of **32,000+** global learners.
- Achieved **HackerRank SQL Certification**, demonstrating strong foundational skills in database querying and data handling.