Rayudu Bharani Satya Siva Durga Prasad

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Overview

Software Developer skilled in Full-Stack development with **Next.js** and the **MERN stack** (React.js, Node.js, Express.js, MongoDB). Built projects like **PrepFlow** (used by 150+ users) and a **Course Management System** with role-based access. Eager to contribute and grow by working with the talented engineering team at **EY**.

Education

Kakinada Institute of Engineering and Technology (Affiliated to JNTUK)   *Aug 2022 – 2026*
Bachelor of Technology in Computer Science and Data Science (B.Tech CSD) - CGPA: 7.5 / 10

Skills & Technologies

Programming Languages: Python, JavaScript, TypeScript, SQL (Basics), Java (Basics)

Web Development: React.js, Next.js, Node.js, Express.js, RESTful APIs, Redux, Tailwind CSS, HTML5, CSS3

Databases: MongoDB

Software Development Methodologies: Agile, SDLC

Version Control, Tools & Cloud : Git, Postman, Figma, Vercel, AWS (EC2)

Testing : API Testing (Postman), Debugging, Validation & Error Handling

Soft Skills: Team Collaboration, Time Management, Leadership

Experience

Backend Developer Intern, *HacknCrafts – Kakinada*   *Sept 2025 – Present*

- Working on backend development for the **MeetoCure** platform.
- Developing RESTful APIs using Node.js, Express.js, and MongoDB.
- Utilizing Git for efficient version control and collaborative development.
- Collaborating with the front-end team to ensure smooth functionality, applying Agile Methodologies across 5+ sprints to deliver 4+ APIs on schedule.

Projects

PrepFlow - DSA Preparation Platform (Live Demo)   GitHub Repository

- Developed an extensive DSA prep platform with **3,499 curated problems** across **20+ topics** and **50+ top tech companies** (sourced from LeetCode).
- Designed interactive sheets with tracking, difficulty filters, and company-wise prep paths - improved user retention by **35%**.
- Integrated an ATS Checker to analyze resumes for formatting, keyword optimization, and scoring, used by **150+ students**.
- Added a real-time code compiler in PrepFlow and tested with **50+ users** working smoothly.
- Tech Stack : **Next.js, Tailwind CSS, Prisma, shadcn/ui.**

Course Management System (CMS) (Live Demo)   GitHub Repository

- Built a platform for instructors and students to manage courses efficiently, supporting over 130 active users.
- Implemented secure role-based access, reducing unauthorized access by 80%.
- Designed features for instructors to upload/manage course content, and for students to purchase/access courses.
- Integrated PayPal to handle payments seamlessly and provide instant access to courses.
- Tech Stack : **React.js, Tailwind CSS, Node.js, Express.js, MongoDB.**

Achievements

- Built a YouTube review system for the **Telugu TechPod** channel using **Next.js** and **Prisma**, with features like PDF reports and rating analysis.
- Earned **5 Star in Python Problem Solving on HackerRank** and solved **170+ problems on LeetCode**.