Pranay Sankar Muppaneni

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About Me

Full-stack developer with strong foundations in computer science and hands-on experience in building **production-ready web applications**. Proficient in **MERN, Next.js, Tailwind CSS**, with proven ability to **design scalable systems, integrate APIs**. Experienced in **RESTful Web Services, authentication systems**. Collaborative contributor with **open-source** experience .

Experience

Frontend Developer Intern – Yashik Yadav & Co.   July 2025 – Aug 2025

– Built and deployed responsive web applications using **Next.js** and **Tailwind CSS**.
– Developed **reusable UI components** and integrated **REST APIs** for efficient frontend-backend communication.
– Collaborated with backend teams on **API-driven workflows** and **modular frontend architecture**.
– Internship certificate: View Certificate

Open Source Contributions

- FarmData2 – Added Bug Reporting & Feature Request modules, enabling scalable developer self-service.
- FarmData2 – Added @example JSDoc tag improving clarity of complex transactional logic.
- GitKit-FarmData2 – Fixed documentation improving reliability of automated test pipelines.

Projects

Demo Credentials (for all demos): Username: **rahul**   Password: **rahul@2021**

Workout Mate (Live Demo)   [React.js, Node.js, Express, MongoDB, JWT, REST APIs]

– Built a full-stack workout management platform with **authentication, CRUD operations**, and **secure RESTful APIs**.
– Designed both backend and frontend, deployed on **Vercel and Render** for real-time user management and workout tracking.
– Implemented efficient database queries and API endpoints for smooth, scalable interactions.

Nxt Trendz (Demo)   [React.js, JWT, REST APIs, SQL]

– Built an e-commerce platform with **secure authentication**, **REST APIs,dynamic routing**
– Integrated **APIs** for product listings , enabling efficient product browsing,implemented **Filters**,**Search**.

Nxt Watch (Demo)   [React.js, Context API, Authentication]

– Developed a YouTube-like platform with dynamic routing, search, and **global state management using Context API**.
– Implemented responsive UI with protected routes and authentication for a smooth user experience.

N8N-Workflow Automation ([Repository](#)) [n8n, APIs]

– Built an end-to-end automation pipeline generating and uploading YouTube videos using AI tools and **n8n**, eliminating **100% manual upload effort**.
– Integrated **Pexels, Gmail, and YouTube APIs** for hands-free video publishing.

Skills

Frontend	React.js, Next.js, Tailwind CSS, HTML, CSS, JavaScript
Backend	Node.js, Express.js, **RESTful Web Services, API Development**
Programming Languages	C++, Python
Databases	**SQLite,MongoDb,Supabase**
Tools & Platforms	GitHub, n8n (Workflow Automation), Git, Version Control

Education

2022 – 2026	**B.Tech in Computer Science Engineering (CSE)** Rajiv Gandhi University of Knowledge and Technologies, Ongole	CGPA: **9.03**
2020 – 2022	**Intermediate (MPC)** Rajiv Gandhi University of Knowledge and Technologies, Ongole	CGPA: **9.73**

Achievements

- **Semi-finalist, Tata Imagination Challenge 2024** – Selected among **300,000+ participants** nationwide; showcased scalable problem-solving and innovation.

- **Top 5% in AP EAMCET 2022** – Ranked among **200,000+ candidates**, demonstrating strong analytical and logical skills.