

# PRANAY SANKAR MUPPANENI

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## ABOUT ME

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Hands-on MERN stack developer with experience in building responsive, dynamic applications. Passionate about creating new products, services and features with a keen interest in AI. Curious to solve data structures problems along with complexity analysis and had solved **100+ problems** in **nxtwave**. **Dynamic Programming** is my forte.

## PROJECTS

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### JOBBY APP ([pranayjobby.ccbp.tech](http://pranayjobby.ccbp.tech))

Implemented job listing functionality with login, filters, and protected routing using React.

- Achieved a **~25% performance boost** by optimizing component structure and minimizing unnecessary re-renders
- Used JWT tokens for session persistence and protected routes to ensure authorized access.
- Implemented dynamic routing, state management, and query-based filtering using React components and hooks.

**Login Credentials:**( username : rahul , password : rahul@2021 )

### NXT TRENDZ ([shanksnxttrendz.ccbp.tech](http://shanksnxttrendz.ccbp.tech))

Created a modern E-COMMERCE experience with a design inspired by Amazon and Flipkart.

- Implemented **3 fully functional routes** (Login, Products, Product Details) using React Router for seamless user navigation
- Secured user data with JWT tokens, REST API calls, and local storage.

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### NXT WATCH ([shanksnxtwatch.ccbp.tech](http://shanksnxtwatch.ccbp.tech))

Built a YouTube-like platform with personalized video streaming, secure login, and themed UI using React.

- Built Nxt Watch with pages like Home, Trending, and Gaming, video search and theme toggling .
- Implemented route-based **code-splitting and Context API** to reduce initial **loading time by 30%**.
- Implemented authentication via JWT tokens and protected routes using React Route.
- Ensured a responsive UI and seamless navigation with stateful React components and API integration.

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## SKILLS

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**Frontend:** HTML, CSS, Bootstrap, JavaScript, React.js

**Backend:** Express, node js

**Programming Languages:** c++, Python

**Databases:** SQLite,SQL

**Other skills:** Github , OS ,COA (computer science fundamentals)

## EDUCATION

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<b>Nxtwave Disruptive Technologies</b>	<b>2022- Ongoing</b>
Industry Ready Certification in Full-stack Development	
<b>Rajiv Gandhi University of Knowledge and Technologies , Ongole</b>	<b>2022 - 2026</b>
B Tech (Bachelor of Technology)_Computer Science Engineering (CSE) (9.1 CGPA)	
<b>Rajiv Gandhi University of Knowledge and Technologies , Ongole</b>	<b>2020 - 2022</b>
Intermediate _MPC (9.73 CGPA)	

## ACHIEVEMENTS

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- Achieved **semi-finalist position** in the Tata Imagination Challenge 2024,standing out among over **3 lakh** participants [click here](#).
- Achieved a **top 5% percentile in AP EAMCET 2022**, outperforming over 2 lakh participants and showcasing exceptional analytical and problem-solving abilities in a highly competitive examination