

Sindhuja Dyapa

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EDUCATION

NXT wave Disruptive Technologies	2022 – 2023
Industry Ready Certification in Full-stack Development	
Jahnvi Women's Degree & PG College, Hyderabad	2020 - 2022
MS/MSc (Master of Science) Computer Science (CS) (7.3 CGPA)	
Indira Priyadarshi Govt Degree College for Women, Hyderabad	2017 - 2020
BSc (Bachelor of Science) Mathematics, Statistics, Computer Science (MSCs) (8.8 CGPA)	
Carlo Bonvini Memorial Junior College, Nagar Kurnool	2015 - 2017
Intermediate MPC (93.0%)	
Zilla Parishad High School, Ranga Reddy	2014 - 2015
Secondary School of Certificate (8.7 CGPA)	

SKILLS

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

Backend: Python, Express, Node.js

Databases: SQLite, PostgreSQL, MongoDB

Others: Github, Nodemailer, Postman

PROFESSIONAL EXPERIENCE

Karands Business Services (MERN Stack Developer) **Dec 2023 – Present**

Creating a platform for users to connect professionally, find jobs, and enable HR professionals to post tasks. Implement user authentication, job listings, networking features, task management, payment integration, notifications, admin panel, and ensure responsive design. Test, deploy, gather feedback, and iterate for continuous improvement.

Accomplishments:

- Designed and implemented RESTful APIs using Node.js and Express.js, facilitating seamless communication between the frontend and backend of web applications.
- Utilized MongoDB to create and maintain databases, ensuring data integrity and efficiency in data retrieval and storage.
- Implemented authentication and authorization mechanisms, such as JWT, to secure web applications and protect sensitive user information.
- Optimized frontend performance by implementing best practices in React, including code splitting, lazy loading, and state management with Redux or Context API.
- Integrated payment gateways (Phonepay) into web applications to enable secure and seamless transactions.
- Implemented WebSocket real-time communication protocols to enable real-time updates and messaging features in web applications.

Technologies Used: React JS, Node JS, Express JS, MongoDB

PROJECTS

Nxt Trendz (ECommerce Clone - Amazon, Flipkart)

Implemented Nxt Trendz application which is a clone for ECommerce applications like Amazon, Flipkart where users can login and can see list of products with search, filters, sort by, etc.

- Implemented Different pages and routes for Login, Products, Product details using React Router components Route, Switch, Link, props, state, lists, event handlers, form inputs.
- Authenticating and authorizing users by taking username, password and doing login POST HTTP API Call and implementing filters by sending them as query parameters to product Api calls.
- Persisted user login state by keeping jwt token in local storage, sending it in headers of further Api callsto authorize the user.

Technologies Used: React JS, JS, CSS, Bootstrap, Routing, REST API Calls, Local Storage, JWT Token, Authorization, Authentication

Student Management System

Developed a Student Management System with login functionality, logout functionality, Implemented and performed user input validations.

- Implemented login and logout functionality for user authentication and security.
- Displayed a list of students using React.js components and styled the user interface with CSS.
- Integrated CRUD operations using Node.js and Express.js to provide create, read, update, and delete functionality for student records.
- Updated the UI dynamically by utilizing JavaScript DOM manipulation and event listeners.
- Utilized the Sweet Alert library to display user-friendly alert messages.

Technologies Used: React JS, Node JS, Express JS, PostgreSQL