

# Madhava Rao Tarra

**Linkedin:** <https://www.linkedin.com/in/tarra-madhava-rao/>

**Location:** Peddadugam Village, Jalumuru Mandal, Srikakulam District, Andhra Pradesh, 532474

**Phone no:** 8096765407

**Email:** [tarramadhavarao051@gmail.com](mailto:tarramadhavarao051@gmail.com)

## Skills

### Frontend

- HTML
- CSS
- Bootstrap
- JavaScript
- React.js

### Backend

- Python
- Express
- Node.js

### Data base

- SQLite

### Other Skills

- API Testing
- Flexbox

## Education

### Nxtwave Disruptive Technologies

Jul 2022 - Ongoing

Industry Ready Certification in Full-stack Development

### Newton's Institute of Science and Technology, Macherla ,Guntoor

2021 - 2024

B Tech (Bachelor of Technology)\_Mechanical Engineering (ME) (7.5 CGPA)

### Government Polytechnic collage Machillipatnam, Machillipatnam , Krishna

2015 - 2018

Diploma\_Mechanical Engineering (ME) (85.5%)

### ZP High School Peddadugam, Srikakulam

2014 - 2015

Secondary School Of Certificate (9.3 CGPA)

## Project

### Nxt Trendz ( ECommerce Clone - Amazon, Flipkart)

[project1\\_link](#)

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

Rolled out an innovative e-commerce platform patterned after Amazon and Flipkart.

- Designed pages for Login, Products, and Product details with React Router and React components.
- Ensured user security through JWT tokens, REST API calls, and local storage.

### Nxt Watch

[project2\\_link](#)

**Technologies used :** React JS, JavaScript, CSS, Bootstrap, Routing, REST API Calls, Local Storage, JWT Token, Authorization, Authentication.

Developed the Nxt Watch platform, a YouTube-inspired application where users

can access various video categories, such as Trending, Gaming, and Saved videos, and search for specific content while customising the visual theme.

- Crafted a responsive UI with React components for pages like Login, Home, Trending, Gaming, and Saved videos, utilising event handlers and form inputs.
- Established user authentication through username/password input and HTTP API calls, maintaining login state with JWT tokens and local storage.
- Enabled secure navigation using React Router components for protected routes, redirecting unauthenticated users to the login page.

## Jobby App

[project3\\_link](#)

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

Implemented Jobby App where users can log in and can see a list of jobs with search by Job title, filters based on Salary range and Employment type, etc

- Implemented different pages like Login, Home, Jobs, Job item details using React components, props, state, lists, event handlers, form inputs.
- Authenticating by taking username, password and doing login post HTTP API Call.
- Persisted user login state by keeping jwt token in client storage, Sending it in headers of further API calls to authorize the user.
- Implemented different routes for Login, Home, Jobs, Job item details pages by using React Router components Route, Switch, Link.
- Implemented filters and search text by sending them as query parameters to jobs API calls.
- Redirecting to the login page if the user tries to open Home, Jobs, Job item details routes which need authentication by implementing protected Route.