

# TEJASSRI AVINASHA RYALI

Amalapuram, Andhra Pradesh, 533222 | 7386223111 | [ssriavinasha5599@gmail.com](mailto:ssriavinasha5599@gmail.com)

<https://www.linkedin.com/in/tejassriavinasha/>

<https://github.com/avinasha18>

## EDUCATION

---

<b>Nxtwave Disruptive Technologies</b>	<b>Jul 2022 - Ongoing</b>
Industry Ready Certification in Full-stack Development	
<b>SRKR Engineering College, Bhimavaram</b>	<b>2022 - 2026</b>
B Tech (Bachelor of Technology)_Computer Science Engineering (CSE) (9.2 CGPA)	
<b>Aditya Junior College, Amalapuram</b>	<b>2020 - 2022</b>
Intermediate_MPC (81.5%)	
<b>Government High School Anathavaram, Mummidivaram</b>	<b>2019 - 2020</b>
Secondary School Of Certificate (10.0 CGPA)	

## SKILLS

---

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

**Backend:** Python, Express, Node.js

**Databases:** SQLite

**Other skills:** AWS, C++, Data Structures & Algorithms,

Express(node), Flexbox, Git, Java, Linux, MongoDB, NumPy, OOPs

## PROJECTS

---

### **Nxt Watch** ([nxtwatchabhi.ccbp.tech](http://nxtwatchabhi.ccbp.tech))

Created the Nxt Watch app, a YouTube alternative allowing users to log in, browse video categories such as Trending and Gaming, view saved videos, and search for specific content with a customizable theme.

- Designed interactive pages, including Login, Home, Trending, Gaming, and Saved videos, using React components, state management, and lists.
- Implemented a secure login system with username/password input, followed by API calls and JWT token handling for persistent login states.
- Utilised React Router components (Route, Switch, Link) to establish distinct routes for various pages, enforcing authentication through protected routes.

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

### **Nxt Trendz ( ECommerce Clone - Amazon, Flipkart)** ([avinashaecom.ccbp.tech](http://avinashaecom.ccbp.tech))

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 calls to authorize the user.

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

### **Jobby App ([avinashajobby.ccbp.tech](https://avinashajobby.ccbp.tech))**

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.

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

### **PDF Chat App (<https://mypdfchat.vercel.app/>)**

Developed a PDF Chat Application using FastAPI and React, enabling interactive Q&A on PDF content. Utilized PyMuPDF for text extraction, LangChain for text chunking, and Google Gemini AI for generating embeddings and responses. Implemented a FAISS vector store for efficient similarity search, ensuring accurate answers to user queries.

**Technologies used:** CSS, React.js, Python, FastAPI, Generative AI

## **CERTIFICATES**

---

### **CPA: Programming Essentials in C++**

CPA: Programming Essentials in C++, I was able to accomplish coding tasks related to the basics of programming in the C++ language, and understands the fundamental notions and techniques used in object-oriented programming

## **ACHIEVEMENTS**

---

### **SIH Internal Hackathon Winner**

Smart India Internal Hackathon 2023 Shortlisted Conducted by the SRKR Engineering College Bhimavaram, among 100+ participants .

### **MERN Event Coordination: Recognized Technical Support.**

Coordinated MERN stack 5 day bootcamp & 24hr hackathon, lauded for technical support, collaboration with Brain O Vision.