

## EDUCATION

Degree	Specialization	Institute	Year	CPI
IRC-Nxtwave	Full Stack Web Development	Nxtwave	2022-Present	-
B.Tech	Artificial Intelligence & Data Science	SRKR	2022-Present	8.94
BIEAP	Physics, Chemistry, & Mathematics	Aditya College	2020-2022	8.58
SSC	-	Anathavaram School	2020	10.0

## WORK EXPERIENCE

- **React Intern** [Futrainc] May-Jul 2024
  - As an Intern developed and designed the frontend and APIs for a food **recommendation ML model** . Created interactive UI using React.js and effectively managed state to enhance user experience.
  - **Collaborated** closely with the backend team to integrate APIs and optimize data flow, ensuring seamless functionality and performance. **Improved the efficiency and reliability** of the overall system.

## PROJECTS

- **Nxt Watch** ([nxtwatchabhi.ccbp.tech](https://nxtwatchabhi.ccbp.tech)) Mar-Apr 2024
  - **Developed** Nxt Watch, a YouTube alternative with features like login, video browsing by categories (Trending, Gaming), saved videos, and search functionality. Implemented customizable themes.
  - **Designed** interactive pages (Login, Home, Trending, Gaming, Saved videos) . Implemented secure login with JWT for persistent states and utilized **React Router** for navigation and authentication.
- **Nxt Trendz** ([avinashaecom.ccbp.tech](https://avinashaecom.ccbp.tech)) Dec-Jan 2024
  - **Implemented** an e-commerce clone similar to Amazon and Flipkart, allowing users to log in, browse , search, filter, and sort. Developed pages and routes for Login, Products, and Product Details .
  - **Authenticated** users with username/password and **JWT token** stored locally for persistent login, sending it in headers for API calls and filter queries. Used React Router Components(Link,Routes,Route).
- **PDF Chat App** ([pdfchat.app](https://pdfchat.app)) May-June 2024
  - **Developed** a PDF Chat App using FastAPI and React for interactive QA on PDF content. Utilized **PyMuPDF** for text extraction, LangChain for chunking, and Gemini AI for embeddings and responses.
  - **Implemented a FAISS vector store** for efficient **similarity search**, ensuring accurate answers to user queries. This combination provided robust performance and precise query handling with Elegant UI.
- **Jobby App** ([jobby.app](https://jobby.app)) Nov-Dec 2023
  - **Implemented** Jobby App where users can log in to view and search jobs by title, salary range, and employment type. Designed pages for Login, Home, Jobs, and Job details using React Class Components.
  - **Authenticated** users via username/password with JWT token storage for persistent login. Used React Router for navigation and protected routes. Filters and searches were handled via query parameters.

## POSITIONS OF RESPONSIBILITY

- **MERN Event Coordination** [MERN Stack 5 Day Bootcamp and Hackathon] Sept-Oct 2021
  - **Coordinated** a 5-day MERN stack bootcamp and a 24-hour hackathon, providing **technical support** and facilitating collaboration among participants.
  - **Recognized** for exceptional organizational skills and contribution to the event's success.

## EXTRA-CURRICULAR ACHIEVEMENTS/ACTIVITIES

- **SIH Internal Hackathon Winner** Smart India Internal Hackathon 2023 Shortlisted Conducted by the SRKR Engineering College Bhimavaram,among 100+ participants .Awarded as junior **best** team.

## TECHNICAL SKILLS

- **Technologies:** HTML ,CSS , JavaScript , React.js, Node.js, Flask ,FastAPI .
- **Languages:** Python, C, C++, Java, SQL , NoSQL(MongoDB).
- **Tools Others:** Data Structures and Algorithms ,Jupyter Notebook, LaTeX, VS Code, GitHub, Docker.

## OTHER CERTIFICATIONS

- **CPA: Programming Essentials in C++** - Accomplished tasks related to the basics of programming in C++ and understood fundamental OOP concepts.