




Education

Year	Degree/Certificate	Institute	CPI/%
2018 - 2022	B.Tech	National Institute of Technology, Srinagar	6.2/10
2017	CBSE(XII)	Trident Public School	83.0%
2015	CBSE(X)	Ramakrishna Mission Vidyapith, Deoghar	10/10

Work Experience

- **CETPA Infotech, Noida** | SDE Intern (Jan'20- Feb'20)
Netflix-clone 
 - Developed a **MERN** based **Netlix-Clone** web application with an **integrated admin dashboard**.
 - Designed front-end framework with **React.js** , **Material UI** and used **React-Router** to turn page into a single-page application.
 - Used **useContext** and **useReducer** hooks for state management across different components.
 - Created **REST API** using **Node.js, Express.js** and used **AXIOS** for making http calls.
 - Implemented **JWT** token based authentication and **BcryptJS** for password security.
 - Utilized **Firebase Storage** to upload images and videos and **MongoDB Atlas** to store data.

Key Projects

- **Online Shopping Website** 
 - Developed a shopping website for user as well as admin.
 - The admin interface provides products and order management facilities where as user interface allows user to order items.
 - used **Jsp** to create web pages and **JDBC** api to interact with the **mysql** database.
 - **Environment:** j2ee ,**jsp**, tomcat ,oracle, eclipse
 - Tools: **HTML, CSS, JavaScript, Java, JDBC, MySQL**
- **CRUD based Electronic Store web application** 
 - Created a crud based web application using **Javascript, CSS** and **Bootstrap** to perform crud operations.
 - Web app uses **IndexedDB dexie wrapper** allowing users to access data stored on their machine and retrieve it.
 - Utilised **HTML, CSS, Javascript, Prism** for creating user interface
- **An Improved Scheduling algorithm for real time systems**
 - Implemented a method for **round robin CPU scheduling** which enhances CPU performance in a real time operating system.
 - The proposed algorithm is a hybrid of **priority** and **round-robin scheduling algorithms**.
- **Finding minimum possible danger area using Convex Hull**
 - Found out the boundary line of the final intersected danger area in the case of a nuclear leak with the help of **Jarvis Algorithm** and **Quickhull Algorithm**

Technical Skills

- **Languages:** Java, JavaScript, MySQL
- **UI Web Technologies:** HTML/HTML5, CSS, Bootstrap, OAuth, React.js
- **IDE/Editor:** Eclipse, VS Code, IntelliJ IDEA.
- **Databases:** MYSQL, MongoDB
- **Framework/Libraries:** React.js, Express.js
- **Version Controls:** Git, GitHub
- **Miscellaneous:** Node.js, OOP

Relevant Courses

Java Programming Internet and Web Design Operating Systems Database Management System Discrete Mathematics	Data Structures and Algorithms Computer Programming Computer Networks Image Processing Natural Algorithm
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Extra-Curricular Activities

- Participated in **Inter Branch Cricket Tournament, 2022 (Finalist)**.
- Attended the **Youth Convention as a delegate** at Belur Math (Jan'14).
- Core committee member of **trekking club** and organised several events to increase awareness among students.