

# Shivaksh Johar

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## Summary:

A highly motivated **Full Stack Developer** proficient in **JavaScript, HTML, CSS**, and a keen understanding of both frontend and backend development using **MERN stack**. Passionate about building seamless, efficient, and user-friendly web applications, with strong **problem-solving skills, attention to detail, and a proactive approach**. Comfortable working independently or in a team, eager to take on challenges in a **fast-paced development environment**. Quick learner with a strong **adaptability to new technologies**, ready to contribute and grow in a dynamic setting.

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## Education

Institution	Examination	Year	Percentage/CGPA
SRM Institute of Science and Technology, Delhi	B.Tech in CSE	2020-2024	8.29 CGPA
Bhatnagar International School, Delhi	CBSE (Class XII)	2018-2019	78.6%
Bhatnagar International School, Delhi	CBSE (Class X)	2016-2018	8.2 CGPA

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## Skills & abilities

### Technical Skills

- **Programming Languages:** C++, JavaScript (ES6+), HTML, CSS
- **Frontend Technologies:** React.js, Next.js
- **Backend Technologies:** Node.js, Express.js, RESTful APIs, Authentication & Authorization (JWT)
- **Databases:** MongoDB (Compass)
- **Version Control:** Git, GitHub

### Soft Skills

- **Problem-Solving & Critical Thinking** – Strong analytical skills to debug and optimize code efficiently
  - **Collaboration & Teamwork** – Experience working in team-based projects, open to feedback and iteration
  - **Adaptability & Quick Learning** – Eager to learn new technologies and frameworks in fast-paced environments
  - **Attention to Detail** – Focused on writing clean, maintainable, and efficient code
  - **Communication Skills** – Ability to explain technical concepts and collaborate across teams
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## Certifications:

- **Full Stack Web Development (MERN Stack) Certification (Ongoing)** – (Course by Harkirat Singh, YouTube)
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## Projects

### To-Do Website

- Developed a **full-stack To-Do Web Application** using the **MERN stack (MongoDB, Express.js, React.js, Node.js)** with **HTML, CSS, and JavaScript**.
- Designed the **user interface** using **HTML and CSS**, ensuring a **clean and responsive layout**.
- Implemented **task management features**, allowing users to **add, update, mark as done, and delete tasks** using **React state management**.
- Integrated **JWT-based authentication** in **Express.js**, enabling **secure signup and login** functionality.
- Utilized **MongoDB Compass** to store and manage user data and tasks efficiently.
- **Exposure:** HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB

### Mobile Data Storage Management

- Developed a console-based **inventory management system in C++**, simulating a retail environment for mobile phone sales.
  - Implemented **CRUD operations** to add, update, display, and delete mobile product records.
  - **Integrated file handling to store and retrieve inventory data**, ensuring data persistence across sessions.
  - Enabled order placement functionality, allowing customers to select products, specify quantities, and generate invoices with calculated discounts and totals.
  - Designed an **interactive menu-based interface** with separate functionalities for customers and administrators, including password-protected admin access.
  - **Exposure:** C++, File Handling
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