

# DEVARSHI SINGH

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## EDUCATION

**Thapar Institute of Engineering and Technology**  
*Bachelor of Technology in Electronics and Computer Engineering*  
*Current CGPA-9.20*

Punjab, India  
Sep. 2022 – Present

### **ST. JOSEPH'S CONVENT SCHOOL**

*Class 12<sup>th</sup>*  
*Percentage -93%*

Uttar-Pradesh, India  
2020-2021

## PROJECTS

### • Video Hosting Platform

August 2024

- Backend Development Project (Node.js, Express.js, MongoDB (Atlas), Mongoose, JWT, bcrypt)
- Built a comprehensive backend for a video hosting website with features like user authentication, video upload, and interactions
- Implemented user authentication with JWT and bcrypt for secure password hashing.
- Managed secure token processes with access and refresh tokens.
- Utilized MongoDB (Atlas) and Mongoose for database interactions and efficient data management and cloudinary for image and video handling.

### • Frontend Developer – Ochi Website Clone

June 2024

- Developed a dynamic and interactive clone of the Ochi website using React.js, with a strong emphasis on smooth animations and responsive design.
- Implemented advanced UI/UX features, including a unique mouse hover effect that animates a rotating circle, enhancing user engagement.
- Applied best practices in modern web development, leveraging React's component-based architecture to ensure maintainable and scalable code.
- Collaborated closely on design choices, ensuring that all elements were optimized for performance across different devices and screen sizes.
- Successfully delivered a visually compelling and functionally robust product, showcasing a high level of attention to detail and a strong understanding of frontend technologies.

## TECHNICAL SKILLS

- **Languages:** C/C++, JavaScript, HTML/CSS, Java.
- **Frontend Development:** JavaScript, HTML/CSS, React, Tailwind
- **Backend Development:** Node.js, Express, SQL, MongoDB, JWT
- **Developer Tools:** Git, VS Code, Visual Studio, Postman
- **Programming Concepts:** Data Structures and Algorithms (C++), Object Oriented Programming (C++)
- **Systems and Infrastructure:** Computer network, Database Management System.

## ACHIEVEMENTS

- Participated in Code for Good 2024 organized by JPMorgan Chase, where I collaborated with top tech talent to develop innovative solutions for real-world challenges, enhancing my problem-solving approach and technical skills under the guidance of industry experts.
- Secured second position in first-year B.E. Electrical Engineering, 2023.