

# Naman Garg

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## EDUCATION

### Thapar Institute of Engineering and Technology

Sept. 2021 – Jun 2025

Patiala, Punjab

CGPA 7.31

### Manu Vatika D B School

Class 12th, May 2020 - Jun 2021

Budhladha, Punjab

Percentage: 89.2

### St. Xavier's High School

Class 10th, May 2019

Mansa, Punjab

Percentage: 88.4

## EXPERIENCE

### XEBIA

Intern

June 2024 – July 2024

(IT Servicing and IT Consulting Company)

- **Developed and Styled UI Components:** Utilized **ReactJS** to build dynamic and responsive UI components for a banking application, and applied **Tailwind CSS** for a visually appealing, consistent design across devices.
- **Enhanced Form Functionality:** Improved usability and validation of forms with **ReactJS**, incorporating error handling for a seamless user experience.

## ACADEMIC PROJECTS

### Online Code Editor [\[Link\]](#)

- **Developed a Real-Time Code Editor:** Built an integrated code editor using **CodeMirror**, allowing users to edit and preview **HTML**, **CSS**, and **JavaScript** in real time without switching tabs.
- **Enhanced User Experience:** Implemented features such as syntax highlighting, live preview, and customizable settings to streamline front-end development and improve usability.

### Credit Card Operations Dashboard [\[Link\]](#)

- **Data Extraction and Analysis using MySQL:** Used MySQL to clean, analyze, and normalize large credit card transaction datasets, ensuring data accuracy and uncovering key insights.
- **Power BI Dashboard Development:** Developed a Power BI dashboard for real-time credit card metrics, offering clear, actionable insights for stakeholders.

### Emotion Recognition through EEG Monitoring

- **Emotion Detection Using EEG:** Developed a real-time emotion detection system using EEG signals and machine learning models (KNN, SVM, Random Forest), achieving 90% accuracy and improving classification by 20% through advanced preprocessing and feature extraction.
- **Multi-Modal Emotion Classification:** Integrated EEG and facial data to achieve 85% accuracy across models, implementing real-time stress monitoring and personalized feedback for mental health applications.

## SKILLS AND INTERESTS

- **Technical Skills:** C++, SQL, HTML, CSS, JavaScript, React, Tailwind
- **Software/Developer Tools:** Git, GitHub, Matlab, Multisim, AutoCAD, MySQL, Power BI
- **Specialties:** Data Structures and Algorithms, Object-Oriented Programming, Operating Systems, Database Management Systems
- **Language Proficiency:** English, Punjabi, Hindi
- **Hobbies and Interests:** Bhangra, Cricket, Designing

## POSITION OF RESPONSIBILITY

### General Secretary | SSA - VIRSA (Annual Punjabi Cultural Fest)

Aug 2024 – May 2025

- **Guided 200+ members**, ensuring smooth execution of diverse cultural events and active participation of members.
- **Advanced from core team member to General Secretary** due to demonstrated competence and dedication.

### Cultural Head | SSA - VIRSA (Annual Punjabi Cultural Fest)

Aug 2023 – May 2024

- **Led a team of 240 students**, organized, managed, and oversaw cultural events to foster student engagement and cultural pride.
- **Planned and directed 15+ events**, achieving a 30% increase in student participation over previous years.

### General Secretary | Ek Bharat Shreshtha Bharat Abhiyaan (EBSB)

Aug 2024 – May 2025

- Coordinated 80+ team members for multifarious events planning and execution, including Sanskrit Workshops and Plantation Drives.
- Pioneered event execution, achieving a 20% increase in active peer participation and community engagement.