Shivam Yadav

Bachelor of Technology
Computer Science and Engineering
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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., CSE	I K Gujral Punjab Technical University	8	2026
Senior Secondary	Punjab School Education Board	80.44	March 2020

PROJECTS

- **Project A: ElectroHub an e-commerce website**   *August 2024 - December 2024*
  Tools: React.js , CSS , Node.js , MongoDB   [♥]
  ◦ Developed E-commerce website for selling of electronic devices
  ◦ Implemented MERN for connecting user, achieving **User Authentication** & **Storing of user Data**
  ◦ Created **Filter** based on Category or type, ensuring user to search their need efficiently
  ◦ Applied **React** + **Redux** to achieve **Add to Cart** function.

- **Project B: Bank Management using C++**   *March 2025*
  Tools: C++ , OOPs , File Handling, Exception Handling
  ◦ Developed a **transaction processing system** to manage **deposits**, **withdrawals**, and **balance inquiries efficiently**.
  ◦ Integrated **object-oriented principles** to create **modular** and **reusable components** for account management.
  ◦ Implemented **user authentication** using stored credentials to ensure **secure access** to **accounts** and **transactions**.
  ◦ Utilized **C++ Standard Template Library (STL)** for efficient data management, including **map structures** for authentication and **vector-based account storage**.

SKILLS

- **Programming Languages** : **C++,Python**
- **Technologies** : **Html** , **CSS** , **Javascript** , **React.js**, **Node.js**, **Express.js**, **MongoDB**
- **Tools** : **VsCode**, **GitHub**, **MongoDB compass**, **Postman**