

Arnav Sharma

Phone: +91-9358868558 — Email: aaariv702@gmail.com — GitHub: github.com/aaariv702 — LinkedIn: LinkedIn

Education

Thapar Institute of Engineering and Technology, Patiala B.E. in Electronics and Communication Engineering CGPA: 7.92/10.0	Expected May 2027
Jayshree Periwal High School Class 12, CBSE	2023
Jayshree Periwal High School Class 10, CBSE	2021

Technical Skills

Languages: C, C++, HTML, CSS, ARM Assembly
Tools: Keil, AutoCAD, VS Code, MySQL, Excel, Tableau
Core: OOP, Embedded Systems, IoT, Wireless Networks, Analog & Digital Communication
Soft Skills: Leadership, Team Management, Problem Solving

Projects

Spotify Clone – Frontend Music Player

- Built responsive music player using HTML, CSS
- Implemented controls (play/pause, next/prev) and progress bar

College Management System

- Developed a role-based web application to manage students, faculty, courses, and attendance records
- Designed and implemented a MySQL database with normalized schemas and secure CRUD operations
- Built an interactive dashboard for academic record management and performance tracking

Electric Vehicle Data Analysis Dashboard — Tableau, Excel

- Developed an interactive Tableau dashboard to analyze 68,000+ electric vehicle records using KPI cards, maps, trend analysis and dynamic filters.
- Designed visualizations to analyze EV adoption trends, manufacturer performance, state-wise distribution and CAFV eligibility.
- Built calculated fields and interactive dashboards to transform raw data into actionable business insights.
- Identified key market trends including EV growth, average electric range and leading manufacturers through data visualization.

Experience

Grant Thornton Transform Consulting Intern	Jun 2026 – Present
• Developed and optimized SQL queries for Oracle HCM reporting and data extraction • Assisted in creating and testing BI Publisher and OTBI reports based on business requirements • Performed data validation, report customization, and HR data analysis to support decision-making • Collaborated with team members to troubleshoot reporting issues and improve report accuracy	

Leadership Experience

Saturnalia, TIET	Core Team
• Managed logistics for 8,000+ students	
Urja, TIET	Executive Member
• Coordinated discipline for 8,000+ attendees	
ACM, TIET	Core Member
• Participated in coding workshops and events	

Relevant Coursework

Electronics: Analog, Digital, Signal Processing, Communication Systems
CS: Data Structures, OOP, DBMS, OS
Embedded: Microcontrollers, IoT, Embedded C, ARM Architecture