ABHAY SARDAR

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SUMMARY

Final Year Computer Science student with strong foundations in software development, data structures, and full-stack web technologies. Experienced in building scalable web applications using React, Next.js, and TypeScript, with hands-on exposure to backend services and cloud-based platforms. Demonstrated ability to analyze requirements, design user-centric solutions, and work collaboratively in team environments. Passionate about solving real-world problems using technology and continuously improving technical and professional skills.

TECHNICAL SKILLS

Programming Languages: C, C++, Java, JavaScript, TypeScript
Web Technologies: HTML5, CSS3, React, Next.js
Backend: Node.js, Express (Basics), REST APIs
Databases / BaaS: Appwrite (Auth, Database, Storage)
Tools: Git, GitHub, Postman, Vitest, React Testing Library, Vercel
Concepts: OOP, Data Structures, Form Validation, Client–Server Architecture

KEY COURSEWORK

Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems, Software Engineering

PROJECTS

Synapse Healthcare | *Next.js, TypeScript, Appwrite, Zod* [Live Demo] | [GitHub]   Jan 2026
- Designed and developed a full-stack healthcare appointment system enabling patient registration, profile management, and appointment scheduling.
- Built an admin dashboard to monitor appointments, user activity, and operational metrics for internal management use.
- Implemented server-side sorting and filtering to efficiently handle large volumes of patient and appointment records.
- Added structured form validation using Zod and React Hook Form to ensure accurate and consistent data entry.
- Integrated SMS notifications for appointment confirmations and cancellations using backend messaging services.
- Secured restricted admin access and implemented role-based access control for sensitive operations.

CartFlow E-Commerce | *React, TypeScript, Vite* [Live Demo] | [GitHub]   Dec 2025
- Developed a single-page e-commerce application with client-side routing for product browsing and checkout flow.
- Implemented global state management to handle cart operations, quantity updates, and total price calculations.
- Integrated REST APIs to fetch product data and enable real-time product search.
- Added unit tests to validate component behavior and application logic.
- Optimized application performance using modern build tooling and strict type checking.

EXPERIENCE

Poornam Ecovision Foundation   Pune, India
Community Engagement Volunteer   *July 2024 – December 2024*
- Coordinated school outreach programs and managed logistics for a 2-day waste-management awareness exhibition.
- Maintained donor and participant records to track engagement and outreach metrics.
- Collaborated with team members to organize city-wide e-waste collection drives.
- Assisted in planning and execution of community initiatives involving multiple stakeholders.

EDUCATION

Fergusson College   Pune, India
Bachelor of Science in Computer Science (Expected 2026)   *CGPA: 9.27*
R. Jhunjhunwala College
HSC   *Percentage: 86.33*
St. John High School
SSC   *Percentage: 90.60*