

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: JavaScript, TypeScript, C, C++

Web Technologies: HTML5, CSS3, React, Next.js, Tailwind CSS

Backend: Node.js, Express, REST APIs, Prisma ORM

Databases / BaaS: PostgreSQL, Appwrite (Auth, Database, Storage)

Tools: Git, GitHub, Postman, Vitest, React Testing Library, Vercel

PROJECTS

- Synapse Healthcare** | *Next.js 16, React 19, TS, Tailwind, Appwrite* [\[Live Demo\]](#) | [\[GitHub\]](#) Jan 2026
- Built a comprehensive patient management platform enabling users to register, create medical profiles, and schedule appointments.
 - Developed an admin dashboard with real-time statistics, appointment management, and data table with sorting and filtering.
 - Implemented secure file upload for patient identification documents using Appwrite Storage and react-dropzone.
 - Integrated SMS notifications via Appwrite Messaging for appointment confirmations and cancellations.
 - Designed responsive dark-themed UI with shadcn/ui components and Radix UI primitives for accessibility.
 - Added admin access protection with OTP passkey verification modal and utilized Zod schemas for robust form validation.
- CartFlow E-Commerce** | *React, TS, Node, Express, Sequelize, SQL.js* [\[Live Demo\]](#) | [\[GitHub\]](#) Dec 2025
- Built a full-stack e-commerce platform with complete shopping cart functionality, checkout flow, and order management.
 - Developed RESTful API with Express.js featuring 10+ endpoints for products, cart, orders, and payment processing.
 - Implemented client-side routing with React Router for seamless navigation across 5 distinct pages.
 - Created responsive product catalog with real-time search functionality and dynamic filtering.
 - Integrated Sequelize ORM with SQL.js for efficient data persistence and relational data modeling.
 - Wrote unit tests using Vitest and React Testing Library to ensure component reliability.
 - Utilized TypeScript for type safety, reducing runtime errors and improving code maintainability.
- HarmonyHomes** | *React, Node.js, Express, PostgreSQL, Prisma* | [\[GitHub\]](#) Nov 2025
- Developed a full-stack web application enabling roommates to manage shared household responsibilities including expense tracking, chore assignments, and event planning.
 - Implemented RESTful API with 10+ endpoints for authentication, expense splitting, task management, and real-time balance calculations.
 - Designed and normalized PostgreSQL database schema with Prisma ORM, featuring 10 interconnected models with complex relationships.
 - Built responsive React frontend with dark mode support, modular component architecture, and custom hooks for state management.
 - Integrated JWT-based authentication with secure password hashing using bcrypt for user security.
 - Created gamified chore system with points tracking and leaderboard to encourage household participation.

EDUCATION

Fergusson College

Bachelor of Science in Computer Science (Expected 2026)

Pune, India

CGPA: 9.27