

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