

Ajay Buwade

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Education

Bhabha Engineering Research Institute

B.Tech, Computer Science Engineering — CGPA: 8.01 / 10.0

Jul 2022 – Jun 2026

Bhopal, India

Technical Skills

Languages: Java (Primary), TypeScript, JavaScript, C, C++, SQL
Frontend: React.js, HTML5, CSS3, Bootstrap, Tailwind CSS
Backend & APIs: Node.js, Express.js, RESTful API Design, Socket.IO
Databases: MongoDB, Mongoose ODM, MySQL
DevOps & Tools: Git, GitHub, Docker (Basics), Vercel, Render, AWS EC2 (Basics), Jest, Postman

Experience

Scortek Pvt. Ltd.

Frontend Development Trainee

2025

On-site

- Completed a **1.5-month intensive frontend program**, delivering production-grade UIs in **React.js, HTML5, CSS3, and JavaScript**, meeting all sprint deadlines without rework.
- Built and shipped reusable component libraries emphasizing **state management and cross-browser compatibility**, delivering across **2-week cycles** using Git-based version control.

Projects

College Placement Portal | *React.js, Node.js, Express.js, MongoDB, JWT* | [GitHub](#)

2024

- Engineered a recruitment system for **200+ students and 15+ recruiters**, eliminating **60%** of manual administrative paperwork through end-to-end workflow automation.
- Architected JWT-based RBAC across **3 user roles** and built **15+ RESTful APIs** covering profile management, live job listings, and real-time application status tracking.

Commercial Vendor Platform | *React.js, Node.js, Express.js, MongoDB* | [GitHub](#)

2024

- Hackathon — Rank 19 / 200 (Top 9.5%):** Designed and shipped a B2B e-commerce platform within a **24-hour build window**, outranking 181 competing teams.
- Built a multi-vendor catalogue with dynamic category filtering, pricing tiers, and inventory tracking; delivered full order lifecycle from cart to purchase history with **sub-300ms API response times**.

Real-Time Chat Application | *MERN Stack, Socket.IO, Cloudinary* | [GitHub](#)

2024

- Integrated **Socket.IO** for bi-directional real-time messaging across concurrent multi-user sessions with instant delivery and live state synchronization.
- Leveraged **Cloudinary** for optimized media delivery, cutting image upload latency by **40%** and eliminating payload bottlenecks for profile picture handling across concurrent sessions.

Simon Says Memory Game | *HTML5, CSS3, Vanilla JavaScript* | [GitHub](#)

2023

- Built a progressive-difficulty browser game in pure JavaScript with optimized DOM manipulation and event-driven logic scaling across **10+ difficulty levels** — no framework dependency.

Achievements & Certifications

Hackathon — Top 9.5%: Ranked **19 out of 200 teams**, shipping a full B2B platform within a 24-hour build window.
DSA: Solved **300+ problems** (200+ on LeetCode in Java), emphasizing Trees, Graphs, and Dynamic Programming.
Merit Scholarship: Awarded **25,000** by the Madhya Pradesh Government for scoring in the top merit bracket in Class 12 Board Examinations.
Quiz: 2nd Prize, Institute-level Mathematics Day Quiz — Bhabha Engineering Research Institute (2023).
Certifications: DSA — Apna College (2023) — Full-Stack Web Development — Apna College (2024)

Relevant Coursework

Core: Data Structures & Algorithms, OOP, DBMS **Systems:** Operating Systems, Computer Networks, Architecture, Compilers