

Apoorv Bhardwaj

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PROFILE

React developer passionate about building scalable, user-focused applications with modern frontend technologies. Strong foundation in JavaScript, React, and Firebase. Eager to grow as a full-stack developer, explore emerging frameworks, and continuously upscale my skillset through real-world problem-solving.

EDUCATION

College of Engineering Roorkee
B.Tech in Information Technology

Aug 2018 – May 2022
Roorkee, Uttarakhand

EXPERIENCE

Full-Stack Developer

Oct 2024 – Jan 2025

B4L Sports Private Limited

Dehradun, Uttarakhand

- Designed and developed a production-ready sports facility booking platform with real-time slot management and online payment gateway integration.
- Implemented secure transactional workflows, automated notifications via Twilio/Nodemailer, and reduced manual booking overhead by 80%.
- Delivered end-to-end system architecture with admin dashboard, boosting operational efficiency and user satisfaction.

Marketing Specialist & Full-Stack Developer

Sep 2022 – Sep 2024

Upscale Marketing Solutions

Dehradun, Uttarakhand

- Managed client relationships and order processing while developing full-stack solutions for business operations.
- Built payment processing systems and administrative tools to streamline client management and order tracking workflows.
- Handled end-to-end client communications, order fulfillment, and technical implementation of internal systems.

PROJECTS

Ball4Life Arena | *JavaScript, Firebase, Node.js, HTML5, CSS3*

2024

- bookings.ball4life.in – Built a scalable slot booking system with Firebase Realtime Database, secure authentication, and Cashfree payment gateway integration.
- Automated WhatsApp/email notifications using Twilio API and Nodemailer.
- Designed responsive admin dashboard for managing bookings and real-time availability.

Upscale Marketing Solutions | *Node.js, Express, PayPal SDK, Firebase*

2022

- upscalemarketingsolutions.com – Built a full-stack payments platform integrating PayPal (JS + Server SDK) to securely create/capture orders server-side, enabling global PayPal/credit-card checkout.
- Implemented Node.js/Express APIs (serverless on Vercel) for order lifecycle and persistence to Firebase Realtime Database.
- Developed an admin dashboard with Firebase Auth for secure order management (view details, update status, track submissions).
- Engineered a responsive front-end with PayPal Smart Buttons, client-side validations, and UX safeguards (loading overlays, duplicate-click prevention).

Workout Tracker | *React, Firebase, Chart.js, PWA*

2024

- Developed a modular React-based fitness tracker with dynamic workout logging and Chart.js data visualizations.
- Implemented component-based architecture with React hooks for state management and real-time progress tracking across workout, weight, and strength analytics modules.
- Created responsive Progressive Web App with offline capability and proper state management across multiple application modules using React Context API.

TECHNICAL SKILLS

Languages: JavaScript, HTML5, CSS3, Java, C

Frameworks & Libraries: React, Node.js, Firebase, Chart.js, RESTful APIs, PWA

Developer Tools: Git, VS Code, Vercel, Google Cloud Platform, Firebase Console, GitHub

Databases Services: Firebase Realtime Database, Firebase Authentication, Cloud Functions, SQLite

Payment APIs: Cashfree, PayPal SDK, Twilio WhatsApp API, Nodemailer, Webhooks

Other Skills: Data Structures, Responsive Design, Cross-browser Compatibility, Modular Architecture