

Priyanshi Chittora

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EDUCATION ENROLLMENT

Kalvium's UG Program in CS (Software Product Engineering)




2024 – 2028

Campus: Jaipur | Bachelor's Enrollment: B.Tech, JECRC University

TECHNICAL SKILLS

- **Languages:** Python (Advanced), Java (Intermediate), JavaScript (Intermediate)
- **Frameworks & Libraries:** React.js, Node.js, Express.js, Tailwind CSS
- **Databases:** MongoDB, MySQL
- **Tools & Platforms:** Git, GitHub, Postman, Render, Firebase, Netlify
- **Other:** REST APIs, Authentication (JWT, Google OAuth), Tone.js, Multer

Professional Summary

 **Full-stack developer** with a strong focus on **backend engineering** and **scalable product development**
 Built and deployed **4+ full-stack MERN applications**, featuring real-time authentication, REST APIs, and responsive UI using React and Tailwind CSS
 Leading development of **CalmWave**, a sound therapy web app that combines **mood tracking, quiz-based anxiety analysis, and personalized audio therapy**

EXPERIENCE

Kalvium Work Integration

Jan 2024 – Apr 2024

- Developed 10+ reusable React components and integrated 15+ REST API endpoints for a student portal used by 200+ students
- Optimized Express.js backend, reducing response time by **30%**, leading to a **faster load experience for 100+ users**
- Deployed 3 full-stack apps on Render with 95% uptime, and validated 50+ endpoints using Postman

GITHUB PROJECTS

CalmWave – Personalized Sound Therapy for Anxiety Relief

[GitHub](#) | [Live Demo](#)

Tech Stack: React.js (Vite), Tailwind CSS, Framer Motion, Node.js, Express.js, MongoDB/PostgreSQL, Firebase/Auth, Tone.js

Overview:

Engineered a full-stack wellness application featuring mood-adjusting soundscapes, integrating 5+ therapeutic audio tracks and a quiz system and logging moods for 50+ users, resulting in 35 weekly active users.

Achieved an average session duration of 4+ minutes per user (from internal tests)

Key Features:


- **Mood-Based Quiz:** Developed a **personalized quiz** with **10+ mood indicators** to assess user anxiety levels and **generate tailored sound therapy recommendations based on results**
- **Audio Therapy:** Integrated **pre-recorded therapeutic audio tracks** that are triggered based on quiz scores, providing a tailored user experience
- **Mood Tracking Dashboard:** Enabled users to **log daily moods**, view emotional trends, and **track progress** using interactive, chart-based visualizations
- **User Authentication:** Implemented secure **Firebase Authentication** to manage user sessions and protect personal mood data across devices


E-commerce Website – Full-Stack MERN Application

[GitHub](#)

Tech Stack: React.js, Node.js, Express.js, MongoDB, Redux, JWT, PayPal API

Overview:

 Designed and deployed a full-featured MERN e-commerce platform with 30+ product listings, a real-time cart and order system, and PayPal payment integration

 Implemented secure login for 100+ test users using JWT-based authentication, with session management and role-based access handled through Redux

Key Features Implemented:

- **Product Management:**
 - **Built product creation functionality** with support for **image uploads**, category/tag assignment, stock tracking, and price input — enabling efficient admin management of **30+ products** through a centralized dashboard
 - Developed **real-time image previews** and validation using FormData, improving product creation workflow by **40%**
 - **Built product edit/delete features and implemented filtering logic by admin email to streamline backend moderation**
- **User Authentication & Security:**
 - Built a **JWT-based login system** with cookie storage, securing access for **100+ test users**
 - Implemented **protected routes** and server-side validations to prevent unauthorized access
 - Managed user sessions and role-based access using **Redux for centralized state tracking**,

Technical Highlights

- Solved **300+ coding challenges**, including 50+ medium and 20+ hard problems on LeetCode, improving algorithmic thinking and time complexity optimization
- Maintain **10+ active public GitHub repositories** featuring deployable code, CI setup, and structured documentation
- Developed and deployed **4 full-stack MERN applications**, each with 20+ components, real-time authentication, and database integration, receiving 100+ user interactions collectively
- **Created 5+ project walkthrough videos** explaining application architecture, tech stack choices, and user flows — shared on GitHub and live demos to enhance understanding for **recruiters, peers, and hiring managers**