# RACHITA PANT

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## EDUCATION

**G. B Pant Institute of Engineering and Technology**                                    **2023 – 2027**
*Bachelor of Technology (B.Tech) - Computer Science and Engineering*                      *Pauri, Uttarakhand*

**Doon Valley International School, Dehradun**                                            **2022**
*C.B.S.E Science -* **Percentage - 95.60%**                                               *Dehradun, Uttarakhand*

**The Montessori School, Dehradun**                                                      **2020**
*I.C.S.E Science -* **Percentage - 95.40%**                                               *Dehradun, Uttarakhand*

## TECHNICAL SKILLS

**Languages:** C++, Java, Python, SQL, JavaScript (ES6+), TypeScript

**Frameworks & Libraries:** React.js, Next.js, React Native, Zustand, Redux, Context API, Framer Motion, Tailwind CSS, Bootstrap, Axios, Express.js, Node.js, Pandas, NumPy, Jest, React Testing Library, Expo Router

**Tools & Platforms:** Android Studio, Git (Version Control), Expo EAS, Google Cloud, REST API's

**Operating Systems:** Ubuntu (Linux), Windows

## EXPERIENCE

**SiteGuide**                                                                            **July 2025 – Present**
*Software Development Intern*                                                             *Remote*

- **Tech Stack: Next.js, React Native, Zustand,Typescript Axios,Prisma,Express,PostgresSQL**
- Developed web-based solutions for real-time community features like polling and voice notes for a production app with existing **user base of approx. 50K**, enabling **better audio processing** to **eliminate buffering** and enhance UX.
- Contributed to development of new REST APIs using Express and Prisma ORM working with PostgreSQL as database.
- Worked with a cross-functional team of 4+ engineers, product designer's and product manager, participated in technical discussions to align prototypes with platform architecture requirements and product roadmaps.

**BetterMyStay**                                                                         **April 2024 – August 2024**
*Software Development Intern*                                                             *Remote*

- **Tech Stack: React,React-Native,UI/UX-Figma**
- Implemented and tested a React Native CLI module for Cashfree payments, including UI customization and end-to-end transaction flow, **enabling plug-and-play** integration into the primary application,reducing integration time for developers.
- Designed subscription and media solutions with responsive UI/UX using Figma and React Native.
- Developed a responsive landing page with React, **improving accessibility and reducing page load time.**

**FuelCab India**                                                                        **October 2023 – January 2024**
*Software Development Intern*                                                             *Remote*

- **Tech Stack: React.Js,Tailwind CSS**
- Implemented customized web-based solutions for improving customer experience and application resiliency
- Streamlined development workflows, cutting delivery time by 15% and improving product support for end-users.

## PROJECTS

**Dynamic Anime Community App** ⧉ | React Native (Frontend) | Firebase (Backend)        **2024**

- A **cross-platform anime community app** that allows users to explore anime, post fan theories, and engage socially through customizable profiles.
- Implemented **secure user authentication** with **Firebase Authentication**.
- Integrated Jikan API for **real-time anime search**, improving discoverability and engagement.
- Added **community features**, enabling users to post text and images using **Firebase Firestore & Storage**. Designed **customizable profiles** with custom profile pictures and default avatars.

**Web Performance Resource Analyzer** ⧉ | Next.js | Lighthouse | Puppeteer | Google Cloud Platform   **2025**

- A **web performance analysis tool** that measures site speed, resource usage, and Core Web Vitals, providing actionable insights for optimization.
- Built a scalable platform using Node.js, Lighthouse, and Puppeteer on GCP with a stable Chrome environment for reliable audits.

- Analyzed Core Web Vitals (LCP, FID, CLS) and other indicators, presenting results using Chart.js.

## ACHIEVEMENTS

- **Solved 400+ coding problems:** Codolio Profile
- **Navdhara 2024: Hackathon Finalist  Ranked Top 10**  projects among 80+ entries in **Navdhara 2024** (Project: Fire Alignment in NLOS).
- **Manthan 2024: 1st Prize** in **RoboSync at COER University (Techfest Manthan 2024)** competing against 30+ teams.
- **Leadership Roles:** Chosen as **Campus/Student Ambassador** for **GeeksforGeeks**, **AlgoZenith**, and **IEEE**, driving coding initiatives, organizing technical workshops, and mentoring peers to strengthen coding culture on campus.