

RAJ AISHWARY PRATAP SINGH

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TECHNICAL SKILLS

Languages: C, C++, JAVA, Python, JavaScript, TypeScript, SQL

Technologies/Frameworks: HTML, CSS, React Native, React.js, Next.js, Redux, Node.js, MongoDB

Core Concepts: Data Structures, Algorithms, OOPs, OS, DBMS

Developer Tools & Platforms: Git, GitHub, Postman, Android Studio, VS Code, Retool, Appsmith

EXPERIENCE

Unacademy

Apr 2025 - Present

SDE Intern

Bangalore, Karnataka

- **Tech Stack:** Next.js, Redux, Appsmith, Retool, MySQL, JavaScript, REST APIs
- Migrated internal dashboards from Retool to Appsmith by replicating frontend functionality and adapting queries, contributing to an estimated **INR 7L/month cost reduction** in platform usage.
- Developed dynamic and modular pages for **Atlas**, Unacademy's internal platform, to manage role-based access control, Hagrid workspaces, and group hierarchies efficiently.

Jupiter Money

Nov 2023 - Nov 2024

SDE Intern

Bangalore, Karnataka

- **Tech Stack:** React Native, TypeScript, JavaScript
- Revamped the **debit card (DC) landing page** and associated screens, resulting in a **15% reduction in loading time** and enhancing the user experience with a more streamlined, responsive UI.
- Collaborated extensively with the frontend team on the **Jupiter 3.0 app reskin project**, ensuring a consistent and engaging user experience across multiple screens.
- Created a **Collect Request Popup** feature that ensures users see payment requests immediately upon app launch, resulting in an **8% increase in funnel conversion rates**.
- Led the switch migration from **FIS to Federal debit cards**, implementing Federal's API to allow for higher international transaction limits, resulting in a **9% increase in success rate**. Created multiple screens as part of the development process and contributed significantly to the overall feature flow.
- Overhauled the **bank transfer and self transfer flows**, optimizing the entire process to enhance speed and efficiency, resulting in faster page loading times. Implemented design improvements in line with the new theme of the Jupiter app, creating a more intuitive experience for users.

PROJECTS

Coffee House | React Native, TypeScript, CSS

Oct'24

- Engineered a mobile app for a **virtual coffee shop** where users can **browse** and **purchase** a variety of coffee and coffee beans with detailed product views and **personalized favorites**.
- Structured a **customizable cart** with quantity adjustments based on product size, and added a complete frontend payment flow allowing users to choose payment methods and review **order history**.

JobHunt | React.js, Node.js, Express.js, MongoDB, Redux, TailwindCSS, Cloudinary, Shadcn UI

Aug'24

- Developed a full-stack **MERN job portal** with **dual user authentication** (recruiter and job seeker), enabling job posting, job application, real-time status tracking for job seekers to see if their CV is shortlisted.
- Implemented **advanced search filters** for city, salary, and job type to improve job seekers' experience, crafting an interactive and **responsive frontend** using React, Redux, Shadcn UI, and Vite.
- Utilized **Cloudinary** for secure image and file uploads, allowing users to easily update profile pictures and upload resumes, ensuring efficient media management.

EDUCATION

Lovely Professional University, Jalandhar

2020 – 2024

B.Tech - Computer Science and Engineering - CGPA - 8.10

Jalandhar, Punjab

ACHIEVEMENTS

- Codeforces Max Rating **1610 (Expert)**. [🔗](#)
- CodeChef Max Rating **1895 (4-Star)**. [🔗](#)
- LeetCode Max Rating **2061 (Top 2%)**. [🔗](#)
- Solved **2000+** Problems across all coding platforms.
- **Top 25** in the **Neo Codeathon** out of 733 participants held at **LPU**. [🔗](#)