Sayan Snigdha Pal

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EXPERIENCE

Frontend Engineer — Aug 2025 – Present
Perccent — *Remote*
- Developed scalable, reusable React + TypeScript components with SCSS modules, implementing responsive, theme-consistent (light/dark mode) UI across dashboards, portfolio, and mutual fund modules to enhance accessibility and user experience.
- Engineered core business logic for key user flows including KYC Process, Investor Onboarding, Account Settings, and Nominee Details, ensuring seamless functionality, performance consistency, and reliability across devices.

Frontend Developer Intern — Nov 2024 – Feb 2025
RAD Media Solutions — *Remote*
- Engineered user-centric web applications, focusing on performance optimization and responsive design; resolved three critical causes of application crashes identified during testing sessions with end users to enhance overall reliability.
- Integrated seamless state-management flows in applications leveraging Redux to enhance maintainability and scalability.

Frontend Developer Intern — Aug 2023 – Nov 2023
Pephub — *Remote*
- Engineered a robust system to aggregate and store feedback from diverse user sources, enhancing data-driven decision-making processes using ReactJS, MongoDB, and ExpressJS.
- Developed user-friendly web applications focusing on optimization and responsive design.

Frontend Developer Intern — Jul 2023 – Sept 2023
V-Books — *Remote*
- Spearheaded a comprehensive redesign and reconstruction of the website to enhance user experience.
- Implemented an optimized routing system for website pages, resulting in a 40% decrease in page load time and enhancing overall user experience.

PROJECTS

Roomie Finder | *Nextjs, Typescript, Supabase, Prisma, Google OAuth, ShadCN UI* — Live | Github
- A smart roommate-matching platform designed specifically for students and working professionals. It connects users based on key criteria such as shared interests, gender, and preferred location where they want to shift/live.
- The app also includes a built-in chat system using Supabase, enabling users to communicate, discuss potential living arrangements, and build rapport before making any commitments.

WanderAI | *Reactjs, Gemini AI, Google Maps API, Firebase, Google OAuth, ShadCN UI* — Live | Github
- Designed and built an AI-powered trip planning platform that leverages generative AI to deliver personalized travel itineraries, enhancing user experience through real-time location data integration.
- Integrated Google Places Autocomplete API for seamless destination suggestions and used Firebase for secure user authentication and real-time data synchronization.

EDUCATION

University of Engineering and Management, Kolkata — Aug 2021 – July 2025
Bachelor of Technology in Computer Science Engineering (A.I + M.L) — *8.34 GPA*

TECHNICAL SKILLS

Languages: Java, Javascript, Typescript
Frameworks: Reactjs, Redux, Zustand, Nextjs, Node.js, Express.js, Tailwind CSS, Material-UI, Shadcn UI
Database: MongoDB, Firebase, Supabase
Tools/Platform: Git, Vercel, Postman, Docker

ACHIEVEMENTS

Orion Web Development Hackathon — Sept 2024
1st Place Winner — *Offline*
- Secured 1st place among 100+ participants by building a responsive, visually engaging application demonstrating advanced frontend development skills in the Orion Web Development Hackathon.

Hacky New Year Hackathon 2023 — Jan 2023
2nd Place Winner — *Online*
- Achieved 2nd place among 150+ participants by developing a habit-tracking app with note storage and clean UI in the Hacky New Year Hackathon 2023 on Devpost.