

Sayan Snigdha Pal

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EXPERIENCE

Software Engineer

Aug 2025 – Present

Perccent

Remote

- Developed scalable, reusable React + TypeScript components with SCSS modules, implementing responsive and 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, while actively developing and maintaining Android and iOS mobile applications using React Native and managing production deployments on the Google Play Store and Apple App Store.

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, SCSS

Database: MongoDB, Firebase, Supabase

Tools/Platform: Git, Vercel, Postman

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.