

Sayan Snigdha Pal

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EXPERIENCE

Software Engineer

Aug 2025 – Present

Perccent

Remote

- Architected a reusable React + TypeScript component library with SCSS modules for dashboard, portfolio, and mutual fund systems.
- Engineered a responsive, accessibility-compliant light/dark theme system, enhancing UI consistency and user experience.
- Implemented KYC verification, investor onboarding, nominee management, and account configuration workflows at scale.
- Built and deployed Android and iOS apps using React Native, managing full release cycles on Play Store and App Store.

Frontend Developer Intern

Nov 2024 – Feb 2025

RAD Media Solutions

Remote

- Built scalable, responsive web applications with a performance-first approach, improving load efficiency and user retention.
- Resolved high-impact frontend defects causing production crashes, significantly improving platform stability and QA outcomes.
- Implemented Redux-based state management, improving code maintainability and scalability across production applications.

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript

Frameworks: React.js, Next.js, React Native, Redux, Zustand, Node.js, Express.js, Tailwind CSS, SCSS

Databases: MongoDB, Firebase, Supabase, MySQL

Tools & Platforms: Git, Github, Vercel, Postman

PROJECTS

Roomie Finder | *Next.js, TypeScript, Supabase, Prisma ORM, Google OAuth, ShadCN UI*

[Live](#) | [Github](#)

- Architected a full-stack roommate-matching platform using Next.js, TypeScript, Prisma ORM, and Supabase with PostgreSQL.
- Implemented Google OAuth 2.0 authentication and real-time chat using Supabase Realtime for live user messaging.
- Engineered user-matching flows based on interests, gender preferences, and location to improve match relevance.

WanderAI | *React.js, Gemini AI, Google Maps API, Firebase, Google OAuth, ShadCN UI*

[Live](#) | [Github](#)

- Built an AI-powered travel platform using Gemini AI and Google Maps API to generate personalized trip itineraries.
- Integrated Google Places Autocomplete API for real-time destination search and context-aware travel recommendations.
- Implemented Firebase Authentication with Google OAuth and Firestore for real-time data synchronization.

EDUCATION

University of Engineering and Management, Kolkata

Aug 2021 – July 2025

Bachelor of Technology in Computer Science Engineering (AI + ML)

8.37 GPA