

Piyush Raj

Associate Software Engineer

(+91) 9896444654 | piyushhraj98@gmail.com | [portfolio](#) | [linkedin.com/in/piyush-raj-4469671a7](#) | [github.com/raipiyush4](#)

SKILLS

Programming Languages: C++, HTML, CSS, JavaScript, Typescript, SQL

Frameworks/Libraries: Express JS, React JS, Node JS, Postman, Next JS, Tailwind CSS, GSAP, Framer-motion, GraphQL, Redux-Toolkit, PostgreSQL, MongoDB, Supabase

Others: Version control systems, Git, Gitlab, GitHub, Rest APIs, Architectural Patterns (MVC, MVVM), DesignPatterns, Linux, Clean Architecture, Problem-Solving, Agile Methodologies (Scrum/Kanban)

EXPERIENCE

Associate Software Engineer | *Mind IT Systems, Delhi, India*

Mar 2024 –Present

Valerion – Health Task Management App

- Replaced manual Excel tracking by developing interactive modules for charts, audits, and reports using React.js, Node.js, and Sequelize, enabling non-technical users to access data seamlessly.
- Built customizable CSV/Excel export with dynamic column selection, simplifying reporting workflows and reducing dependency on engineers.
- Optimized backend APIs through indexed queries and restructuring, improving response time and backend reliability for daily task operations.
- Integrated Socket.io for real-time task updates and notifications, enhancing team coordination and visibility across projects.

Shaad Online – Global Top-Up Platform

- Integrated Khalti (Nepal) and Karma (Turkey) aggregator APIs into the existing system, enabling seamless international top-ups.
- Implemented retry functionality for failed customer and retailer transactions, improving reliability and user experience and resolved frontend state related issues.

EDUCATION

J.C. Bose University, YMCA
R.P.S. Public School

Bachelor of Technology | Information Technology
Senior Secondary High School

PROJECTS

SubEase | *Next.js, Planetscale, Typescript, Tailwind, Stripe*

[Code](#)

- Built a subscription management platform with secure Stripe integration for payments and smooth checkout flows.
- Designed an intuitive UI for browsing and purchasing plans, with scalable relational data handling via PlanetScale.

Gratify | *Next.js, Typescript, Mongodb, Tailwind*

[Code](#)

- Developed a journaling app for mindfulness with **daily gratitude entries** and **streak tracking** to boost engagement.
- Added **text and voice input** support, making the app more accessible and inclusive

Soul | *HTML5, CSS3, Vanilla JS, Canvas*

[Demo](#) | [Code](#)

- Created a **sound-environment app** that allows users to **mix natural sounds** for relaxation and focus..
- Added features like **note-taking**, an **audio visualizer**, and categorized sound sections for a personalized experience.

AWARDS

Employee of the month (*April 2024*) | *Mind IT Systems, Delhi*