Piyush Raj

Software Engineer

(+91) 9896444654 | piyushhraj98@gmail.com | [portfolio](#) | [linkedin.com/in/piyush-raj-4469671a7](#) | [github.com/rajpiyush4](#)

EXPERIENCE

Associate Software Engineer | *Mind IT Systems, Delhi, India*   *Mar 2024–Aug 2025*

Valerion – Health Task Management App *(Sep 2024-Aug 2025)*

- Developed interactive dashboards and reporting modules using React.js, making data more accessible and actionable for non-technical users.

- Built customizable export features (CSV/Excel with dynamic column selection), improving usability for end-users and reducing dependency on engineers.

- Enhanced frontend responsiveness and reliability by optimizing API integrations and restructuring data flows.

- Implemented real-time task updates and notifications with Socket.io, boosting team collaboration and visibility.

Shaad Online – Global Top-Up Platform *(May 2024-Aug 2025)*

- Integrated Khalti (Nepal) and Karma (Turkey) aggregator APIs into the existing system, enabling seamless international top-ups.

- Implemented retry functionality and improved frontend state management, making transactions more reliable and reducing user drop-offs.

-Fixed UI and conversion-related bugs, enhancing consistency and user experience across the platform

PROJECTS

Drawbot.chat| *React.js, CSS, Clerk, Langium, Monaco, AI integration, Svg builder*   **Demo** | **Code**

– **Migrated** the project from a vanilla TypeScript setup to a **Vite-based React architecture**, significantly improving build speed and developer experience.

– Enhanced **UI responsiveness** across chat, editor, and preview panes for seamless cross-device usability.

– Refactored and modularized frontend components for scalability and easier integration with AI-assisted diagram generation.

– Contributed to build and deployment optimization, ensuring smooth dev-server workflow without manual rebuilds.

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.

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, Problem-Solving, Agile Methodologies (Scrum/Kanban).

EDUCATION

J.C. Bose University, YMCA, **CGPA**: 7.89   **Bachelor of Technology** | Information Technology.   *2020-2024*

R.P.S. Public School, **Percentage**: 90%   Senior Secondary High School   *2018-2019*

AWARDS

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