RAJAT PRATAP SINGH

Portfolio | P: +91 9877411556 | pratapsinghr2016@gmail.com | LinkedIn | GitHub

EXPERIENCE

Company: DashClicks Pvt. Ltd.   **Role:** Senior Software Engineer   **Duration:** Jul 2023 - May 2024

- **Migrated App Architecture**: Transitioned application from CRA to Vite, upgrading React from version 17 to 18, and later to 19, leveraging concurrent rendering and new hooks.
- **Performance Optimization**: Improve app performance with adaptive image rendering, render time reduced by 50%.
- **Design System Development**: Built a design system using Storybook, MUI & TypeScript, reducing UI bugs by 80%.
- **Agile Methodologies**: Organized sprint planning and retrospective meetings, and released tech notes to educate the team on new technologies.
- **Monorepo Implementation**: Implemented a monorepo, optimizing the CI/CD pipeline and reducing server costs.
- **Set Coding Standards and Development Flow**: Established coding standards, incorporating code reviews, maintenance, and refactoring into the development process.

Company: ValueLabs Technologies   **Role:** Senior Software Engineer   **Duration:** Nov 2022 - July 2023

- **Dashboard Development**: Created a dashboard for AirAsia's booking app, building a design system and theme with Material UI. Led successful alpha and beta releases.
- **Bug Reduction and Coverage Improvement**: Reduced bug tickets by 50% and improved coverage reports from 35% to 87% using SonarQube, JEST, RTK, and Storybook for test-driven development.
- **Code Quality Enhancement**: Conducted code reviews to promote code quality using Husky, ESLint, and Prettier.
- **Problem-Solving and Detail Orientation**: Demonstrated strong problem-solving skills and attention to detail, ensuring alignment with the requested design system.
- **User Base Growth**: Increased the application's user base by 40%.

Company: Damensch Pvt. Ltd.   **Role:** Senior Software Engineer   **Duration:** Jan 2022 - Nov 2022

- **Team Leadership and Code Management**: Led team, ensured efficient project execution, managed large-scale codebases with GIT, and implemented effective code management strategies.
- **SEO Optimization**: Improved Lighthouse web vitals score from 37% to 85%, enhanced SEO through team collaboration, and reduced application escape time using Google Analytics, SSR, and A/B testing.
- **App Performance Enhancement**: Improved E-commerce app performance by 57% through image optimization, achieving a total performance score of 89%.
- **Sales Profit**: Built a dynamic promotional landing page using Storyblok, increased by 45% prime time sales.

Company: Fundamento Pvt. Ltd   **Role:** Senior Software Engineer   **Duration:** Dec 2021 - Jan 2022

- **Admin Panel and Website Development**: Delivered an admin panel and website ahead of schedule using Agile, resulting in a 25% sales increase and four new global clients in the first month of beta.
- **Design System and Architecture**: Implemented a design system, migrated from the previous app, and introduced micro-frontend and monorepo architecture for increased reliability.

Company: Avish Websoft Pvt. Ltd   **Role:** Software Engineer   **Duration:** Mar 2019 - July 2021

- **Private Libraries Development**: Developed 2 private libraries (dynamic form, web scraper), development paced by 50%.
- **Headless CMS and Open-Source Libraries:** Used three headless CMS platforms and multiple open-source libraries for creating customer-facing apps.
- **PWA and App Development**: Created a PWA & mobile app and developed a chat app and NPM libraries.

SKILLS

Frontend	React.js, JavaScript, Typescript, Next.js, HTML5, CSS3, Material UI, Ant Design, Redux, React Native, React Bootstrap, Microfrontend, Storybook, Storyblock, Webpack, Vite, Highchart.js, Angular, Headless CMS, JEST, RTL, GIT, NPM, SASS, SonarQube
Backend	Node.js, Express.js, Nest.js, Appollo, REST, GraphQL, Auth0, JWT, Webhook, WebSocket, ORM
DB & Services	MySQL, MongoDB, AWS, Vercel, Docker, Kubernetes, Gateways

PROJECTS

Restoration Hardware	E-commerce platform	Fundamento	Recruitment
AirAsia Teleport	Logistic Dashboard	Clinikk Insights	Health sector Mobile App
Damensch Market Place	E-commerce platform	MyPeegu	PWA Dashboard

EDUCATION

Bachelors in technology	Computer Science	GPA: 7/10	Lovely Professional University (2014-2019)