

PAURUSH RAI

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LinkedIn

GitHub

Portfolio

SUMMARY

Product-focused Software Engineer with almost 5 years experience building scalable web apps, developer tools, and integrations. Proven track record of shipping end-to-end systems that reduce costs, automate workflows, and improve performance across multiple platforms.

TECHNICAL Skills

Core Stack: JavaScript, TypeScript, React.js, Next.js, Node.js, Express.js, GraphQL, REST APIs, PostgreSQL.

Frontend & UI: HTML, CSS, Tailwind CSS, Shadcn, DaisyUI, Vue.js, Nuxt.js, Astro.js, Chart.js, Element Plus.

Backend & Data: MongoDB, Hasura, Directus.

Developer Tools & Integrations: Chrome Extensions, VS Code Extensions, LTI Integration, Jira Plugin Development, Clerk, Stripe.

DevOps & Tooling: Docker, Firebase, Vercel, CI/CD, Shell Scripting, Git, GitHub, GitLab.

Additional: React Native, Electron.js, MDX, Handlebars, Datagrip, Pipedream, Apify, Figma, Adobe XD.

EXPERIENCE

Testlify

January 2025 – present

Senior Software Engineer

Mumbai, India

- Developed MetaNotes, an meeting AI notetaker, enabling automated recording, transcription, and summaries, reducing manual note-taking and replacing third-party tools to achieve \$24K in annual cost savings.
- Engineered a VS Code extension to track coding time by Git branch and auto-log entries to Jira, reducing manual time tracking by 60–70%, cutting reporting errors by 80%, and improving sprint planning and billing accuracy.
- Created an internal Jira plugin for timesheets and cost allocation, replacing a third-party tool, improving cost visibility, and saving \$9K+ annually.
- Implemented AI-driven interview workflows (Chat, Voice, Video AI), improving assessment quality, reducing interviewer effort by 40%+, and contributing to 20–30% revenue growth.
- Architect and deliver an LTI-compliant plugin integrating Testlify with major LMS platforms, enabling in-platform assessment delivery and scoring, expanding access to institutional markets, and contributing to 20–30% growth in enterprise adoption.
- Led frontend performance optimization for the Testlify marketing site, mentoring developers on Core Web Vitals, increasing Lighthouse scores from 49 (mobile) / 53 (desktop) to 87 / 91 and reducing load times, improving SEO and conversions.

FuelBuddy

September 2023 – December 2024

Software Engineer

Gurugram, India

- Engineered a kiosk application frontend from scratch, reducing fuel dispensing time by 60% and increasing customer and driver satisfaction.
- Developed and scaled 6 production web applications for customers, admins, franchises, and drivers, improving operational efficiency and reducing business overhead.
- Designed and delivered 8 admin dashboards for data validation and discrepancy resolution, replacing manual database queries, reducing resolution time by 60–70%, and removing backend dependency for operations teams.
- Mentored 3 developers and 5 interns, establishing structured code reviews and collaboration practices to improve code quality and onboarding speed.
- Delivered 100+ features end-to-end, enhancing product capability and user experience across multiple platforms.
- Optimized frontend architecture by refining GraphQL queries, creating reusable utilities, and eliminating duplicate logic, improving maintainability and accelerating development cycles.
- Integrated monitoring and analytics tools (Sentry, Clarity), reducing issue resolution time by 30% and increasing actionable user insights by 20%.

Modocosm

July 2021 – October 2023

Software Engineer

New York City, US (Remote)

- Designed and maintained 4 CMS-driven responsive websites, supporting sustained traffic growth and user engagement.

- Deconstructed Directus CMS and streamlined schema setup using PostgreSQL queries, reducing CMS bootstrapping time by 70%+ and eliminating manual UI configuration.
- Architected an automated betting projection system using Google Sheets and Python web scraping, improving prediction accuracy by 15–20% and reducing manual data preparation by 80%+.
- Created 100+ reusable UI components and design systems, accelerating delivery and reducing project turnaround time.
- Standardized deployment workflows for Netlify and Railway, improving onboarding speed and adopted by 10+ developers.
- Modernized 7 legacy websites by migrating to Astro.js Jamstack architecture with a headless CMS, improving performance and Core Web Vitals, accelerating content and campaign launches by 50%, and enabling marketing teams to self-serve updates.

EDUCATION

Dr. A.P.J. Abdul Kalam Technical University (AKTU)

Bachelor of Technology in Computer Science and Engineering

Lucknow, Uttar Pradesh

August 2017 – May 2021

CERTIFICATIONS

Complete Vue Developer 2023: Zero to Mastery (Pinia, Vitest)

<https://www.udemy.com/certificate/UC-33b3b98a-191b-4e53-bb6f-73dbe85c8e4f/>

Udemy

August 2023

Foundations of User Experience (UX) Design

<https://www.coursera.org/account/accomplishments/certificate/EMML29J9HVFT>

Google

October 2021