

Vivek Rajput

Senior Software Engineer

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EXPERIENCE

Zeni AI

Sep 2022 – June 2026

Senior Software Engineer

Remote

- Owned the **Expense Automation** flow end-to-end built the transaction categorization UI where users review, approve, and correct AI-suggested categories, vendors, and classes; saving over **1,600 hours of manual bookkeeping effort per month**
- Built the **Missing Receipts Bulk Upload** feature with **AI-powered auto-matching** that maps receipts to transactions in the background, saving over **400 hours of manual matching effort per month**
- Migrated from Webpack to Vite and introduced react-window virtualization for large lists, cutting dev build times by **~80%** and eliminating UI lag on data-heavy screens
- Optimized frontend performance through route-import refactors and lazy loading, reducing load time by **30%** and bundle size by **20%** through code splitting and tree shaking, improving Core Web Vitals scores across LCP, CLS, and FID
- Improved **CI/CD pipelines** using GitHub Actions, streamlining deployment workflows and reducing manual intervention across the frontend codebase
- Enhanced **observability and monitoring** by integrating Sentry for error tracking and building a secure Mixpanel proxy for analytics ingestion, improving system visibility across the platform
- Built **server-side features** using Node.js and Express, including PDF and Excel generation pipelines serving a **multi-tenant** platform used by hundreds of businesses
- Led **architecture discussions** and authored technical design documents, defining engineering standards and best practices across 6 frontend repositories

Airblack

Sep 2021 – Sep 2022

Senior Software Engineer

Gurgaon, India

- Built the **core revenue system** for the Sales team and an Admin Dashboard for the Marketing team
- Revamped Airblack's main website, reducing **build time by 75%** and **load time by 50%** through lazy loading, JS execution optimizations, and debounced search handlers
- Fast-tracked the onboarding of new hires through structured mentorship, enabling them to become effective contributors within their first month

Paytm

Sep 2018 – Sep 2021

Senior Software Engineer

Noida, India

- Led the **Onboarding Engine Platform** serving **5,000+ KAM and QC agents**; onboarded **10,000+ merchants across 15+ business verticals**, reducing merchant onboarding time by **40%**
- Set up **4xx/5xx alerting** integrated with Kibana and Slack, reducing mean time to detect incidents by **60%** across 10+ monitored services
- Architected a **backend-driven dynamic form builder** for the Sales team template-controlled UI that let non-engineers ship new form types in hours instead of weeks
- Improved frontend code quality by introducing best practices and mentoring junior engineers through consistent pair programming

Q3 Technologies

Jul 2016 – Sep 2018

Senior Software Engineer

Gurgaon, India

- Built a fault-reporting platform for **First Group London** used by **500+ field engineers** across the London rail network enabling fault logging, severity tracking, and report generation
- Launched an **internal quiz platform** used by **500+ employees** for candidate screening during interviews and team training, streamlining the hiring and onboarding process

SKILLS

Languages : TypeScript, JavaScript, Python

Frameworks : React 17/18, Next.js, Node.js, Express.js, Redux, Redux Toolkit, RxJS, React Router 6, MUI v7

Tools & Platforms : Git, GitHub Actions, CI/CD, Jest, Playwright, Vite, Webpack, Storybook, ESLint, Sentry, Mixpanel, Kibana

EDUCATION

Netaji Subhas Institute of Technology

Aug 2012 – May 2016

Bachelor of Technology in Information Technology

Delhi, India