Piyush Arora

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Core Skills

- **Frontend & Full-Stack Expertise:** React.js, Next.js, javascript (ES6), typescript, zustand, redux, Storybook, Lerna, Tailwind, Service Workers, Core Web Vitals, Node.js, HTML, CSS, Responsive Design
- **Leadership & Delivery:** Team Leadership, Effort Estimation, Agile/Scrum, Code Reviews, PRD Grooming, Cross-functional Collaboration
- **DevOps & Tools:** Nginx, CI/CD Pipelines, Git, Jira, Zero-downtime Deployments
- **Innovation with Gen AI:** Cursor AI Editor, Mastra Agentic Framework, Task Automation, AI-assisted Component Design

Work Experience

Info Edge India

Tech Lead (Oct 2023 – Present) | Lead Engineer (Aug 2022 – Sep 2023)

- **Leading a frontend team** driving recruiter, jobseeker, and CRM products.
- **Design System Architecture** : Built and scaled a centralized design system using Storybook and Lerna to standardize UI components and accelerate product development.
- **Web Performance Optimization** : Optimized Core Web Vitals (CLS, LCP, INP) into the "Good" range by leveraging Next.js app directory, rendering strategies, and performance best practices.
- **Full-Stack Development:** Designed and implemented Node.js services supporting frontend features.
- **Web Vitals Monitoring** : Developed an internal dashboard to monitor real-time web performance using the Web Vitals library and PageSpeed Insights API.
- **Browser & Performance Expertise** : Possess deep understanding of browser rendering pipelines, performance profiling, debugging tools, and frontend caching strategies.
- **AI-Driven Developer Productivity** : Enhanced frontend workflows by adopting Generative AI for PRD grooming, task automation, and component generation, improving developer efficiency by ~30%.
- **Event batching with IndexedDB** : Implemented bulk event handling via Service Workers, reducing frontend network calls by ~40%.
- **Cross-Functional Collaboration** : Partner closely with backend and design teams to ensure efficient task execution and high-quality feature delivery.
- **Infrastructure & Routing** : Configured and maintained Nginx routing rules to support multiple frontend projects under a single domain.
- **CI/CD & Deployment Reliability** : Streamlined Jenkins pipelines with health checks and graceful traffic switching to enable zero-downtime deployments.
- **Agentic AI Exploration** : Building POCs for chat and voice-based assistants using Mastra, LiveKit and AI Sdk focusing on LLM selection, prompt tuning, and real-time conversational flows.
- **Engineering Mentorship** : Mentor engineers through code reviews, architecture discussions, bi-weekly 1:1s, and quarterly goal-setting to drive team growth and alignment.

Tata AIG General Insurance Company Limited

Senior Software Engineer (Sep 2020 – Aug 2022)

○ Led frontend development for Tata AIG's public insurance website, covering health, travel, and motor lines of business.
○ Delivered scalable and user-friendly policy purchase flows, digitizing the insurance buying experience.
○ Optimized website performance to handle large-scale customer traffic.
○ Collaborated with product and backend teams to implement new features and improve workflows.

Emids Technologies

Software Engineer (Jun 2019 – Sep 2020)

○ Developed and maintained ad-tech and educational web applications, focusing on performance, scalability, and user experience.
○ Collaborated with cross-functional teams to deliver high-quality, client-facing web solutions.

Infogain India

Software Engineer (Jul 2017 – Jun 2019)

○ Developed enterprise applications for global clients.
○ Worked on frontend modules and integrations with backend APIs.
○ Gained strong foundation in scalable web application development.

EDUCATION

B.Tech(CSE) (2013 - 2017)

G.L Bajaj Institute of Technology & Mangement