

Arpit Mishra

Portfolio- arpitmishra.devinsight.in

About

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Summary

Frontend Consultant currently working at Deloitte USI, with 5+ years of professional experience building scalable web applications using React.js and Next.js. Experienced in end-to-end frontend ownership, performance optimization, and increasingly focused on AI/GenAI-powered product development.

Work Experience – 5+ Years

Deloitte USI

Frontend Consultant — End-to-end frontend ownership across client projects

May 2025 – Present
Gurgaon, India

- **Owned End-to-End Frontend Delivery:** Independently diagnosed and resolved all frontend issues while driving delivery across multiple client projects.
- **Automated E2E Testing:** Rolled out Playwright for automated end-to-end testing, significantly improving release confidence and reducing regression risk.
- **Established Component-Driven Development:** Set up Storybook to enable isolated UI testing and stronger design–development collaboration.
- **Engineered Modern Frontend Architecture:** Delivered client projects built on modern, scalable React-based architecture.

Publicis Sapient

Associate Developer L2

Nov 2021 – May 2025
Gurgaon, India

- **Improved Build Time Efficiency:** Optimized build processes, reducing build time by 4x and significantly increasing development speed and deployment efficiency.
- **Implemented Splide Carousel for Better Performance:** Integrated Splide carousel, enhancing performance by 10% and delivering a smoother, more responsive user experience.
- **Led Frontend Development for NEXT.js and SFCC Project:** Spearheaded development of a high-performance web application using Next.js and SFCC, building scalable, reusable components to enhance performance and user experience.
- **Optimized Web Performance:** Applied server-side rendering (SSR) and other performance strategies, improving web vitals and boosting application load speed by 40%.

Publicis Sapient (0.5 Years)

Associate Developer L1

Jun 2021 – Nov 2021
Gurgaon, India

- **Contributed to Frontend Development with jQuery:** Developed and maintained forms and small UI components using jQuery, ensuring smooth user interactions.
- **Collaborated on UI Component Design:** Partnered with senior developers to build and customize UI components based on project requirements.
- **Accessibility:** Strengthened interface consistency and quality by prioritizing accessibility (e.g., proper use of ARIA roles, labels, and keyboard navigation).

Rise Enterprise (3 months)

Frontend Developer

Feb 2021 – May 2021
Remote

- **Converted Figma Designs to Responsive HTML Pages:** Translated 10 detailed Figma designs into responsive HTML pages, ensuring pixel-perfect implementation across screen sizes and devices.

Projects

TradePi — arpitmishra.devinsight.in/projects/tradepi

Real-Time Order Matching Engine with Live Candlestick Data

- Designed and engineered a custom order-matching engine implementing price-time priority, replicating core stock exchange logic across multiple live markets.
- Built a real-time WebSocket pipeline leveraging Redis pub/sub to instantly push orderbook depth and price updates to the UI on every trade match.
- Developed live candlestick charting by aggregating streaming trade data to visualize market momentum in real time.

Tech Stack: Next.js, Node.js, Redis, PostgreSQL, Prisma, WebSockets, Docker

Flowly — arpitmishra.devinsight.in/projects/flowly

AI-Enabled Visual Workflow Automation — From Trigger to Action

- Built a Zapier-style, event-driven automation platform enabling users to visually connect triggers to actions without writing code.
- Developed an AI-powered conversational assistant that detects user intent from natural language and automatically drafts and triggers actions such as sending emails.
- Architected an asynchronous, Kafka-based workflow engine with idempotent, staged, crash-safe execution to guarantee at-least-once delivery without duplicate side effects.

Tech Stack: Next.js, Node.js, RAG, Hugging Face, Kafka, PostgreSQL, WebSockets, Docker

PayPi — arpitmishra.devinsight.in/projects/paypi

Simulated Payment Infrastructure with Webhook Event System

- Developed a digital wallet application supporting bank-based deposits with OTP verification and instant peer-to-peer wallet transfers.
- Designed a webhook-driven payment status pipeline where the bank gateway posts asynchronous results to update transaction state in real time.
- Implemented atomic, row-level-locked database transactions to prevent double-spending during concurrent peer-to-peer transfers.

Tech Stack: Next.js, Node.js, PostgreSQL, TailwindCSS

Skills

AI & GenAI: LangChain | LangGraph | RAG Pipelines | Vector DBs (Pinecone, Chroma) | LLM APIs

Frontend: React | Next.js | TypeScript | CSS | Server-Sent Events (SSE) for LLM Streaming

Backend: Python | FastAPI | Node.js | PostgreSQL | MongoDB | RESTful APIs & WebSockets | Kafka | Pub/Sub | Redis

DevOps / MLOps: Docker | LangSmith (LLM Observability) | CI/CD Pipelines

Education

Delhi Technical Campus, GGSIPU

(Bachelor of Technology in Computer Science)

Aug 2017 – July 2021
New Delhi, India