

Neha Gupta

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EDUCATION

Bachelor of Technology (B.Tech) | Madan Mohan Malaviya University of Technology

CGPA: 7.89/10.00

PROFESSIONAL EXPERIENCE

Rashmi Group | Frontend Developer

Kolkata, WB

June 2025 – November 2025

- Engineered a high-performance FinTech platform using **Next.js**, spearheading the migration to **App Router** for enhanced client-side navigation.
- Integrated **RTK Query** for efficient data synchronization, reducing server overhead by 40% and utilizing **Redis** to slash API latency by 60%.
- Automated CI/CD workflows via **Jenkins**, embedding **SonarQube** and **Docker Hub** to achieve 100% pipeline reliability and code quality compliance.
- Orchestrated containerized microservices within **Kubernetes (EKS)**, leveraging **Grafana** for real-time telemetry and maintaining 99.9% system availability.

Shashank Sajwan | Frontend Developer

Noida, UP

April 2024 – May 2025

- Architected modular UI components in **React.js**, improving render efficiency by 33% and deploying **Google OAuth** for enterprise-grade authentication.
- Centralized state management using **Redux Toolkit**, implementing intelligent caching layers that minimized redundant network traffic.
- Provisioned scalable infrastructure utilizing **Terraform** and **Docker**, effectively cutting deployment cycles by 50% on **AWS EC2**.
- Deployed **NGINX** and **AWS Lambda** to optimize content delivery, accelerating release velocity by 20% through event-driven pipeline triggers.

LambdaTest | Frontend Developer Intern

Remote

June 2023 – August 2023

- Validated cross-browser consistency for reusable web components, ensuring pixel-perfect execution across 10+ legacy and modern browser environments.
- Scripted automated regression tests and established performance benchmarks, enhancing overall build stability by 15%.
- Refactored monolithic styles into utility-first **Tailwind CSS**, successfully reducing asset bundle sizes and improving code maintainability.

PROJECTS

Join - Real-time Chat | *React.js, Redux, Socket.io, Node.js, MongoDB*

- Constructed a bi-directional communication hub using **Socket.io**, incorporating complex group logic, binary media streaming, and real-time state synchronization.
- Hardened application security with **JWT** protocols and **Redux** persistence, boosting performance by 25% via optimistic UI updates.
- Developed a scalable **RESTful API** using **Node.js/Express**, optimizing **NoSQL** queries to maintain high throughput and low-latency data retrieval.

Tomato - Food Application | *React.js, Redux Toolkit, Stripe, JWT*

- Executed a full-scale E-commerce UI using **React (Vite)** and **MUI**, prioritizing a component-driven architecture for rapid iteration and scalability.
- Leveraged **RTK Query** for reactive data fetching, eliminating 40% of API overhead and delivering a fluid, flicker-free end-user experience.
- Enforced secure **Stripe** payment gateways and lifecycle automation via **Mailchimp** to streamline user conversion and retention funnels.

SmartSutra - Sales Analytics | *React.js, CSS3, FontAwesome API*

- Designed a responsive analytical dashboard featuring full CRUD capabilities and high-speed calculation engines for real-time transaction auditing.
- Enhanced performance using **React Hooks** and memoization patterns, preventing unnecessary re-renders during complex data set filtering.
- Codified a mobile-first design system using **CSS Variables** and **Flexbox**, ensuring adaptive layouts across diverse hardware specifications.

TECHNICAL SKILLS

Core Technologies: JavaScript (ES6+), React.js, Next.js, HTML5, CSS3, Python, SQL.

Architecture & State: Functional Paradigms, React Hooks, Redux Toolkit, RTK Query, REST/GraphQL.

DevOps & Tools: Git, AWS , Docker, Terraform, Postman.

UI/UX Design: Responsive Web Design, Figma, Material UI, Canva.