

Nitya Mahata

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with **9+ years of experience** building scalable, high-performance web applications using **React.js, TypeScript, and modern UI frameworks**. Strong expertise in **frontend architecture, performance optimization, and WCAG-compliant accessibility**. Recently focused on **AI-powered UI experiences**, including **LLM-based assistants, API-driven AI integrations, and intelligent UX enhancements**. Proven ability to collaborate with cross-functional teams to deliver reliable, future-ready solutions.

TECHNICAL SKILLS

Front-End Development

- React.js, Redux, MobX
- TypeScript, JavaScript (ES6+), HTML5, CSS3
- Styled Components, Tailwind CSS, Storybook
- Responsive UI, Performance Optimization, Cross-Browser Compatibility
- Accessibility (WCAG 2.1, NVDA, JAWS, ARIA)

AI & LLM Integration (Applied Frontend)

- OpenAI API (Chat/Completion APIs – UI integration)
- AI-powered chat interfaces & intelligent UI assistants
- Prompt engineering for UI-driven workflows
- Context handling & response streaming in React
- AI-assisted analytics dashboards & user guidance systems

Back-End & APIs

- Node.js (BFF pattern)
- REST APIs, GraphQL (Beginner)
- API orchestration for AI/ML services

Testing, DevOps & Tooling

- Jest, React Testing Library
- Git, GitHub, GitLab, JIRA
- CI/CD (Basic), Docker, Kubernetes (Basics)
- Agile / Scrum

Design & Collaboration

- Figma
 - Cross-functional collaboration
 - System & Frontend Architecture Design
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PROFESSIONAL EXPERIENCE

GlobalLogic India Pvt. Ltd. (Hitachi Group) — Bengaluru, India

Associate Consultant | May 2022 – Oct 2025

- Developed and maintained scalable React + TypeScript applications **for Verizon ecommerce and Planview Strategic Portfolio Management** platforms.
 - Built modular, reusable UI components ensuring long-term maintainability.
 - Led **accessibility (A11y) testing** using NVDA & JAWS, ensuring full keyboard navigation and screen-reader compatibility.
 - Conducted **Root Cause Analysis (RCA)** to resolve complex UI and performance issues.
 - Improved frontend performance through memoization, code-splitting, and optimized rendering.
 - Contributed to CI/CD pipelines and GitHub workflows.
 - Authored technical documentation and supported customer onboarding & integrations.
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eTeam Infoservices Pvt. Ltd. — Bengaluru, India

Senior Software Engineer | Jun 2021 – Dec 2021

- Modernized a legacy **Vue.js + Node.js** system into **React + Node.js** architecture.
 - Implemented **API-driven dashboards** with improved performance and maintainability.
 - Led unit and integration testing using Jest and React Testing Library.
 - Introduced AI-ready frontend patterns to support future intelligent automation.
 - Delivered L3 production support and created detailed technical documentation.
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Adecco India Pvt. Ltd. (Client: Juniper Networks) — Bengaluru, India

Software Engineer | Oct 2020 – Apr 2021

- Developed a report generation system .
 - Designed MySQL schemas for equipment lifecycle and analytics reporting.
 - Improved performance and security through optimized validation and routing.
 - Built extensible UI components later adaptable for AI-based insights.
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Go Digit General Insurance / Compassites Software Solutions — Bengaluru, India

Software Engineer | Feb 2019 – Apr 2020

- Developed backend modules for CRM platforms improving customer engagement.
 - Integrated frontend components with APIs for real-time data accuracy.
 - Optimized PostgreSQL queries and data models.
 - Collaborated on UI enhancements for intelligent ticket categorization.
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Enlighten Software Services Pvt. Ltd. — Bengaluru, India

Software Engineer | Feb 2017 – May 2018

- Developed scalable backend services for high-traffic platforms.
 - Managed MySQL databases and optimized transactional queries.
 - Supported API enhancements consumed by frontend applications.
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Busybizz (Serve U Media Pvt. Ltd.) — Bengaluru, India

Web Developer | May 2016 – Feb 2017

- Built backend modules for a business listing platform .
 - Designed optimized MySQL schemas for listings and user interactions.
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Askdeveloper.net — Bengaluru, India

Web Developer | Feb 2015 – May 2016

- Delivered PHP-based backend solutions for multiple freelance projects.
 - Designed secure and optimized database schemas.
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EDUCATION

Master of Computer Applications (MCA)
Acharya Institute of Technology, Bangalore

ACCOMPLISHMENTS

- Conducted multiple technical training sessions on **React.js, TypeScript, performance optimization, and AI-ready frontend design.**
- Recognized for strong collaboration and leadership across cross-functional teams.
- Delivered major system modernizations resulting in **30%+ performance improvements.**
- Actively driving adoption of **AI-powered UI patterns** in enterprise applications.