

# 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.

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## 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 / Composites 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

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## 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.