

AMIT KUMAR YADAV

SOFTWAREENGINEER(FRONTEND | REACT.JS DEVELOPER)

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SUMMARY

Frontend Developer with 2.7+ years of experience building responsive, user-centric web applications using React.js, JavaScript, and Tailwind CSS. Skilled in designing dynamic UI components, integrating REST APIs, and optimizing performance (reduced load times by 40%, boosted engagement by 60%). Strong background in Agile development, cross-functional collaboration, and delivering scalable solutions aligned with business goals. Received two awards for developing innovative solutions and resolving complex challenges, consistently exceeding performance benchmarks in multiple projects.

TECHNICAL SKILLS

Frontend Development: React.js, Redux, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Bootstrap, React Router

Frontend System Design: Scalable component architecture, Rendering strategies (CSR/SSR/SSG), Client-side caching, State management patterns, Performance optimization (lazy loading, memoization, code-splitting), API integration patterns

Backend & APIs: Node.js, Express.js, REST APIs, JWT, Bcrypt, Multer, Nodemailer

Databases: MongoDB, MySQL, Mongoose

Tools & Platforms: Git, GitHub, Github Copilot, VS Code, Axios, JIRA, Firebase, Vercel, Render

Testing & Methodologies: Jest, Agile, Scrum

Other Skills: Python(Basic) Responsive Web Design, Cross-Browser Compatibility, Performance Optimization, API Integration

PROFESSIONAL EXPERIENCE

Mphasis, Bangalore

Software Engineer (Frontend Developer) | May 2024 – Present

- Earned a promotion from Associate Frontend Developer within 1 year due to exceptional performance and significant contributions to the HP project.
- Built dynamic, responsive web interfaces using React.js, JavaScript, and Tailwind CSS, boosting user engagement by 60%.
- Migrated legacy UI to a modular React-based architecture, reducing maintenance efforts by 15%.
- Created and resolved support tickets for frontend issues, ensuring smooth production releases.
- Collaborated with cross-functional teams in Agile Sprints, improving on-time delivery by 20%.
- Integrated RESTful APIs for efficient frontend-backend communication with consistent data flow.

Associate Frontend Developer | May 2023 – Apr 2024

- Contributed to the SkillTrain Education App project, a responsive learning platform built with React.js and Redux Toolkit.
- Implemented video tracking, quizzes, and performance dashboards to enhance student learning.
- Integrated REST APIs for courses and real-time learning insights.
- Reduced unnecessary re-renders with Redux Thunk, improving app responsiveness.
- Improved student engagement by 40% through user-friendly UI enhancements.

PROFESSIONAL PROJECTS

Project 1: Perfect Print AI | HP Project @ Mphasis | May 2024 – Present

Description:

Developed an AI-assisted Chrome extension to transform any web page into a printer-friendly layout, enabling secure printing via HP Smart App.

Key Modules:

- Aurora UI Web: SPA for print settings (layout, font size, color, filters).
- Web Transformation Library: Strips unwanted HTML elements (ads, headers) for clean print output.
- Aurora CSP Plugin: Chrome Extension bridge to backend, native host, and AI engine.

Responsibilities:

- Designed and developed dynamic UI components with React, Redux, and Veneer CSS.
- Integrated an AI chatbot and HTML transformation library for real-time previews.
- Enabled secure authentication via HP Smart, ensuring protected print sessions.
- Collaborated with backend, QA, and product teams in sprint cycles.
- Optimized UI performance and ensured cross-browser compatibility.

Achievements:

- Reduced unnecessary console output by 70%.
- Enhanced preview load speed by 30% through targeted optimization initiatives.
- Delivered a robust, production-grade extension used in R&D demonstrations.

Project 2: SkillTrain Education App | Mphasis | May 2023 – Apr 2024

Description:

Developed a responsive web-based education platform using React.js to deliver interactive learning experiences. The app enables students to track video progress (completed vs pending), take quizzes, and monitor overall performance through real-time dashboards.

Responsibilities:

- Built a Single Page Application (SPA) using React.js with Hooks (useState, useEffect, useRef) and React Router v6 for seamless navigation.
- Implemented Redux Toolkit + Thunk for global state management and asynchronous API handling (courses, videos, quizzes).
- Developed a video tracking feature to record completed vs. pending lessons per student.
- Integrated REST APIs for dynamic course content, quizzes, and performance metrics.
- Designed responsive, mobile-first layouts using CSS Flexbox/Grid and reusable React components.

Achievements:

- Increased student engagement by 40% through interactive features (quizzes, video tracking, dashboards).
- Reduced app load time by 25% and improved responsiveness by optimizing rendering with Redux Thunk.
- Delivered a production-ready platform adopted for training use cases, ensuring scalability and smooth user experience.

EDUCATION

Noida Institute of Engineering & Technology, Greater Noida (U.P.)

Bachelor of Technology in Electrical & Electronics Engineering | 2019 – 2022 | 8.07 CGPA (Honours)

Government Polytechnic, Ballia, Uttar Pradesh

Diploma in Electrical & Electronics Engineering | 2016 – 2019 | 77%

ADDITIONAL INFORMATION

Languages: English, Hindi

Certifications: ReactJS, github copilot, SQL.

Awards: Appreciated and recognized as a dedicated employee and high performer by Management and Client

Soft Skills: Communication, Problem-Solving, Collaboration, Time Management, Adaptability