

Sanidhya Mishra

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[LinkedIn](#) [GitHub](#)

Professional Summary

Motivated and detail-oriented Junior Web Developer with hands-on experience building responsive and user-friendly web applications. Skilled in modern web technologies like JavaScript, React, and Node.js, with a strong passion for learning and improving. Eager to contribute to team projects, grow technical skills, and build clean, maintainable code that solves real-world problems.

Skills

- Languages: JavaScript (ES6+), HTML5, CSS3, Python
- Performance & Testing: Lighthouse, Web Vitals, Jest, React Testing Library
- Tools: Git, GitHub, Jira, Postman, Firebase.
- SEO & Web Optimization: Core Web Vitals.
- Database: PostgreSQL, MongoDB
- State Management: Redux, Context API
- Technologies & Architecture: GraphQL, Apollo Client, Microservices
- Optimization & Testing: Performance Tuning, executing experiments
- Client & Product: Client-Facing Communication, mobile app development, Solving Problems
- Frontend: React.js, Next.js, Tailwind CSS, Responsive Design, React Native (basic)
- Backend & APIs: Node.js, Express.js, RESTful APIs, PostgreSQL, MongoDB
- Security & Compliance: JWT Authentication, OAuth 2.0
- Deployment : Vercel, Netlify, Railway
- Communication, Team Collaboration, Problem Solving, Attention to Detail
- Cloud Platforms: AWS(familiarity)
- System Design & Leadership: System Design Principles, leadership
- Quality & Delivery: Code Quality Assurance, pair programming.
- Team Skills: Cross-Functional Team Collaboration, mentorship, ambitious, design patterns.

Professional Experience

Front-End Web Developer (Internship)

Edu Tutor, Canada

February 2025 – April 2025

- Developed a fully responsive and accessible user interface using React.js and Tailwind CSS, ensuring compatibility across different devices and screen sizes.
 - Integrated RESTful APIs to dynamically fetch and display quizzes, implementing loading, error, and empty states to improve user experience.
 - Utilized React Hooks (useState, useEffect) for managing component state and lifecycle events.
 - Applied conditional rendering, reusable components, and modular CSS to improve code structure and maintainability.
 - Enhanced website accessibility with semantic HTML, ARIA labels, and keyboard navigation support, improving usability for all users.
- ✓ Impact: Increased UI usability score by 30% and reduced bounce rates.

- Created responsive web pages using HTML, CSS, JavaScript, and React.
- Worked on connecting REST APIs and optimizing performance.
- Collaborated with other developers in an Agile environment.

- Contributed to developing and enhancing user-facing features using React.js.
- Implemented state management using Context API and Redux to handle complex application states.
- Created and integrated CRUD operations with RESTful APIs to manage data dynamically.
- Assisted in testing, debugging, and resolving UI issues to improve user experience.
- Collaborated closely with the development team using Git and GitHub for version control and code reviews.
- Gained experience working in an Agile team environment and participating in regular stand-up meetings.

Projects

[AI Tutor](#) Riipen Project – EduTutor

- Built interactive Documents, Quizzes, and Chat Box components with React.
- Used hooks, conditional rendering, and lazy loading for optimized performance.
- Implemented tooltip overlays, quiz validation, and hover indicators for intuitive UX.

[Student Course Registration System](#) | MERN Stack

- Developed a full MERN stack app with secure login, course selection, and role-based views.
- Integrated bcrypt, JWT, and Mongoose for authentication and data handling.
- Utilized Postman for REST API testing.

[Portfolio](#) | React.js

- Designed and developed a responsive personal portfolio using React.js, featuring sections for projects, skills, and contact, with modular components and seamless navigation via React Router.
- Styled the website using Tailwind CSS with dark/light mode support, and integrated GitHub, LinkedIn, and external project links to showcase technical capabilities.
- Deployed the site on **Vercel** for fast performance and accessibility, ensuring mobile responsiveness and cross-browser compatibility.

Education

- **Software Engineering Technology (Advanced Diploma)**
Centennial College, Toronto, Ontario, Canada
- **Bachelor's in Computer Applications**

Certificates

- **Full Stack Developer**