

LAKSHYA DABRAL

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About Me

I am a motivated Full Stack Developer with expertise in building scalable, user-focused web applications. Currently pursuing a Post Graduate Certificate in Full Stack Web Development at NSCC, Halifax. Skilled in JavaScript, React, Node.js, and MongoDB, I specialize in solving complex problems and optimizing user experiences. I am eager to leverage my frontend and backend development expertise in building high-quality, impactful products, and further expand my knowledge in modern web technologies and development practices.

WORK EXPERIENCE

Full Stack Developer (Freelance)

March 2023 – Present

Remote, Halifax, Canada

- Conducted user research through **surveys, user interviews, and A/B testing of models**, analyzing data from 120+ participants to refine housing strategies.
- Created system maps and mental models to identify user pain points and optimize frameworks for usability.
- Collaborated with cross-functional teams to derive actionable insights from qualitative and quantitative data.

Web Developer

March 2023 - Sept 2023

Inlooms Studio, Jaipur, India

- Developed and maintained dynamic websites, ensuring seamless performance across multiple devices.
- Implemented UI enhancements using React and Tailwind CSS, leading to a 20% improvement in user engagement.
- Integrated backend services with Node.js and MongoDB to optimize data storage and retrieval.
- Worked closely with design teams to convert prototypes into functional web applications.

UX Designer & Web Developer

August 2021 - Feb 2023

Trumpet Media, Jaipur, India

- Designed intuitive user interfaces and enhanced user experiences for web and mobile applications.
- Developed and maintained interactive websites, ensuring cross-browser compatibility and mobile responsiveness.
- Created and optimized UI components using React and Tailwind CSS, improving application performance.
- Conducted usability testing and collaborated with stakeholders to refine user-centered designs.
- Implemented API integrations, database queries, and backend logic using Node.js and MongoDB.
- Worked closely with developers to ensure seamless UI/UX implementation.

PROJECTS

Wanderlust – Full Stack Web Application

- Built a property listing platform with **Node.js**, **Express.js**, and **MongoDB** supporting full CRUD functionality.
- Designed a responsive UI using **EJS templates**, **Bootstrap**, and **Font Awesome**.
- Implemented middleware for validation, error handling, and user feedback with session-based flash messages.
- Optimized performance and scalability through debugging and system refinements.

Weather Now – Weather Forecasting Application

- Developed a dynamic weather app using **React** for seamless user experience and server-side rendering.
- Integrated APIs to fetch real-time weather data with efficient **Node.js** and **Express.js** backend handling.
- Styled the application with responsive design principles using **Bootstrap** and **Font Awesome**.

- Implemented robust error handling and optimized API requests to enhance performance and reliability.

TECHINICAL SKILLS

- **Frontend Development:** JavaScript, TypeScript, React, Next.js, Redux, Tailwind CSS, Socket.IO.
- **Backend Development:** Node.js, Express.js, MongoDB, SQL, Docker REST APIs, JWT Authentication, Bun, Hono
- **Full Stack Development:** MERN Stack (MongoDB, Express.js, React, Node.js Git & GitHub)
- **Tools & Platforms:** Adobe Creative Suite, Figma, Miro, Jira, Trello.
- **Design & Collaboration:** Agile Development, Responsive Design, Design Systems.

EDUCATION

Full Stack Web Development	Sept 2024 – Present
Post Graduate Certificate NSCC, Halifax, Canada	
Interdisciplinary Studies-Human-Centred Design	Sept 2024
Post Graduate Certificate Algonquin College, Ottawa, Canada	
Mass Communication	July 2021
bachelor's degree Institute of Management Studies, Noida, India	