LAKSHYA DABRAL

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ABOUT ME

Motivated and detail-oriented Full Stack Developer and UX Designer with over 2 years of experience delivering user-centered designs and scalable web applications. Currently pursuing a Post Graduate Certificate in Full Stack Web Development at NSCC, Halifax, Canada. Proficient in modern web development tools and technologies, with a strong focus on solving complex problems and improving user experiences. I am actively seeking opportunities to contribute to impactful projects while advancing my expertise in full-stack development.

TECHINCAL 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
- **Databases:** SQL Server, SSMS, MongoDB, MongoDB Compass
- **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.

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.

Senior Graphic Designer   **March 2023 - Sept 2023**
Inlooms Studio, Jaipur, India
- Led a team of designers to implement user feedback and usability testing, improving UI/UX for web and mobile applications.
- Conducted client workshops and prototype testing to align designs with business objectives, maintaining a 90%+ client satisfaction rate.
- Streamlined workflows using project management tools, reducing design delivery timelines by 15%.

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

WeVibe – AI-Powered Roommate Matching Platform
- Designed and developed a full-stack web app to connect compatible roommates using lifestyle and habit-based preferences.
- Implemented secure Google OAuth and email/password authentication with NextAuth.
- Integrated AI-driven match scoring using Together API and built real-time chat/notifications via Socket.IO.
- Utilized Next.js 15 App Router, Tailwind CSS, Prisma, and MongoDB to build scalable architecture.

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.

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