

Paras Mani Rai

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Profile

Motivated Mobile App Development student with a strong foundation in UI/UX design, software development, and agile practices. Seeking an Intern position to apply design skills in crafting user-centered web and mobile applications while gaining valuable mentorship and industry experience.

Education

MOBILE APPLICATION DEVELOPMENT (CO-OP)

Fanshawe College, London, ON | May 2024 - Present

- **Key Modules:** Mobile Application UI/UX Design, Cross-Platform Mobile Development, Enterprise Tech for Mobile Development, iOS and Android App Development, Mobile Security Concepts.
- Designed and prototyped intuitive user interfaces for mobile and web applications using Figma, focusing on accessibility and usability principles.
- Conducted various testing methodologies, including usability testing, A/B testing, functional testing, and five-second testing, to refine workflows and enhance the user experience.
- Developed comprehensive user flows, user maps, and user journeys to inform and optimize UI/UX designs, ensuring seamless interactions.
- Created mood boards and UI inspiration references to develop aesthetically pleasing and engaging design solutions.
- Designed and developed scalable mobile and web applications using React Native, Xcode, and Android Studio, emphasizing user-centric and responsive designs.
- Gained a strong understanding of OOP concepts, relational databases, cloud platforms, and their impact on modern UI/UX workflows.

BACHELOR IN INFORMATION TECHNOLOGY

Itahari International College, Nepal | 2019 - 2022

- **Key modules:** Software Development, Artificial Intelligence, Machine Learning, Data Analysis and Web Development.
- Developed an anime recommendation system using KNN algorithm, leveraging filtering and content-based approaches to enhance user experience.
- Acquired foundational knowledge in data structures, algorithms, and debugging techniques, and agile practices.

Experience

JUNIOR WEB DEVELOPER | KYANITE SOFTWARE, KOSHI, NEPAL | AUG 2023 – MAR 2024

- Designed and developed 'Futsal Nepal', a web application using Laravel, Inertia, and Vue.js, focusing on seamless UI and improved usability.
- Conducted usability analysis and iterative design improvements to enhance user engagement.
- Implemented a component-based design system, improving scalability and consistency across the app.

- Collaborated cross-functionally to deliver high-quality, user-focused solutions on time.

IT SUPPORT INTERN | ITAHARI INTERNATIONAL COLLEGE, NEPAL | APR 2021 – SEP 2021

- Provided technical support during IIC Industrial Fair 2021, demonstrating strong communication, teamwork, and problem-solving skills.
- Resolved hardware/software issues and performed system upgrades to enhance operational efficiency.
- Documented incident reports and assisted in coordinating deployment activities.

Technical Skills

- **UI/UX Design:** Figma, Wireframing, Prototyping, Usability Testing, A/B Testing, Functional Testing, Five-Second Testing, Human-Centered Design
- **User Research & Analysis:** User Flows, User Maps, User Journeys, Mood Boards, Accessibility Considerations
- **Programming Languages:** Java, JavaScript, TypeScript, Python, SQL, Kotlin
- **Web Development:** HTML5, CSS3, React, Vue.js, JSON, Responsive Design
- **Frameworks and Tools:** .NET, Docker, VS Code, Jira, Agile Development
- **Testing:** Selenium, Component Libraries, Design System Implementation
- **Databases:** SQL Server, MySQL, Relational Databases
- **Other Skills:** Incident Analysis, Problem Resolution, Technical Documentation, Collaboration

Projects

SHOPPING LIST MOBILE APP

- Collaborating in a team of four to develop a shopping list management app using Android Studio.
- Designed wireframes and interactive prototypes to ensure a user-friendly experience.
- Conducting usability tests to refine features and improve app reliability.

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- Built a responsive and visually engaging portfolio using HTML, CSS, and JavaScript.
- Showcased personal projects with an emphasis on clean and user-friendly design.
- Currently developing an advanced version using React, incorporating dynamic content loading and modern UI components.

Achievement and Interests

- Improved application usability and reduced load times by optimizing SQL queries in collaborative projects.
- Passionate about crafting intuitive and visually appealing designs that solve real-world problems.
- Regularly participate in LeetCode challenges to enhance problem-solving skills and algorithmic thinking.
- Enthusiastic about Agile Development, UI/UX trends, and Open-Source Contributions.