# Anil Rai

SOFTWARE ENGINEER, AI | ML ENTHUSIAST

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LinkedIn GitHub Personal Website

## SUMMARY

An emerging software professional with 3+ years of experience in software development, who has completed a Bachelor's degree in Information Technology. Currently pursuing an MSc in Software Engineering from the University of West London, he applies a diverse range of knowledge and skills to create quality code and excels in fast-paced environments with a focus on growth and development. Proficient in JavaScript, TypeScript, and C#, he has a strong understanding of software development principles and methodologies. Committed to staying up-to-date with the latest technologies and industry trends, he is passionate about making high-value contributions to software development projects.

## Technical proficiencies and skills

- Proficient in: JavaScript, TypeScript, React JS, Vue JS, Node JS, ExpressJS,  MongoDB, and React Native.
- Familiar with: Python, C#, Dart, Flutter
- Database: MySQL, MongoDB, PostgreSQL
- UI UX Design Tool: Figma, AdobeXD
- Platforms: Linux OS, MacOS
- Cloud Technologies: Docker, Kubernetes, AWS

## EDUCATION

**MSc in Software Engineering**
The University of West London
*London, United Kingdom*

**BSc (Hons) Bachelor's in Information Technology.**
Sunway International Business School (Affiliated to Infrastructure University Kuala Lumpur).
*Kathmandu Nepal*

## EXPERIENCE

**Software Engineer**
Smaitic Labs | Nov 2021 – Aug 2022
- Technologies: JavaScript, TypeScript, React, Redux, Cypress, Jenkins, Docker, NodeJS, ExpressJS, Rest APIs, GraphQl
- Developed pixel-perfect UI in collaboration with the UI UX Design team
- Wrote clean, clear, and well-tested code for various projects.
- Verified and resolved bug reports and issues.
- Implemented system testing and validation guidelines.

- Managed software programming and documentation development.
- Collaborated with teams regarding technical issues, software system design, and maintenance.
- Designed and built scalable APIs to increase development workflow.
- Modified existing software to upgrade interfaces and elevate performance.
- Communicate the progress and dependency issues of each task/ticket with respective teams and the team lead

**Mobile Application Developer**
Prithak Creation | Dec 2020 - Nov 2021
- Technologies: React, React Native, Android, Java
- Develop fully functional mobile applications in collaboration with backend -developers and UI UX Design team using technologies like React, ReactNative
- Improved user experience scores by 10% through creative interface design patterns based on new UI trends.
- Supported the entire application lifecycle of 3 successful applications over 2 years.
- Worked closely with other developers, UX designers, and business and systems analysts to create cohesive finished Products.
- Built and deployed mobile solutions on both Android and IOS platforms.
- Integrated new technologies such as local payment gateway SDK and appointment booking, resulting in an increased user base.
- Wrote clean code to develop fully functional applications.
- Created responsive front-end mobile application interfaces according to design guidelines and information architecture.
- Designed reusable components and practice the DRY coding principle

**FrontEnd Engineer**
Prithak Creation | April 2020 - Dec 2020
- Technologies: JavaScript, React, Vue, MongoDB, Express, React Native
- Created custom websites by harnessing HTML, CSS and JavaScript skills.
- Developed full stack web apps in collaboration with backend developers and UI UX Design team API design and integrations
- Designed web pages to enhance branding and navigation.
- Backed up files from websites to local directories for recovery.
- Facilitated code reviews and pair programming to produce clean, high-quality code.
- Met regularly with clients and management to determine project scopes and specifications.
- Collaborated with web designers to match visual design intent.
- Improved website navigation with clear and intuitive UX mapping.
- Collaborated with other team members from different departments including backend and design to match the design requirement.