PRATIKSHA KARN
SOFTWARE DEVELOPER

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SUMMARY

Energetic and forward looking React and React Native developer adept at building scalable, user-friendly applications. Proficient in JavaScript, HTML, CSS, and frameworks/libraries. Passionate about continuous learning and eager to collaborate on dynamic projects.

SKILLS

- React Fundamentals(JSX, Virtual DOM, Node.js)
- JSON
- Nginx
- Docker
- GitLab
- NPM
- AWS
- CI/CD
- Code Debugging

PROGRAMMING LANGUAGES & FRAMEWORKS

- C, C++
- HTML, CSS, Bootstrap, Semantic UI
- JavaScript
- React JS, jQuery
- React Native
- SQL (MySQL, MongoDB & PostgreSQL)

PROFESSIONAL EXPERIENCE

Software Developer   **Dzango Tech Accelerator | Hong Kong (remote)| Feb 2022 – Aug 2022**
- Worked with back-end developers to design APIs.
- Planned website development, converting mockups into usable web presence with HTML, JavaScript, AJAX, and JSON coding.
- Coded websites using HTML, CSS, JavaScript, and jQuery languages.
- Used CI/CD for automation into the stages of app development.
- Built, tested and deployed applications using docker.
- Reviewed code, debugged problems, and corrected issues.
- Developed unit test cases for testing and automation.
- Demonstrated a high level of initiative and creativity while tackling difficult tasks.
- Learned and adapted quickly to new technology and software applications.
- Developed strong organizational and communication skills through coursework.
- Organized and detail-oriented with a strong work ethic.
- Strengthened communication skills through regular interactions with others.
- Worked well in a team setting, providing support and guidance.

React JS Developer   **Code Karkhana | Kathmandu, Nepal| Jul 2021 – Feb 2022**
- Developed user-friendly web forms with validation and error handling.
- Worked with senior developers and designers to implement softwares using HTML, CSS and JavaScript.
- Collaborated with in-house web designers to create sleek and innovative UI designs.
- Built front-end web Interface for engineers to control and monitor onboard system.
- Used react redux to make api calls and dispatch response to reducers.

EDUCATION

Masters of Information Technology and Systems (Software Engineering)
Victorian Institute of Technology, Sydney   2023-Present

Bachelor of Electronics & Communication Engineering
Kathford Int'l College, Tribhuvan University, Nepal   2016 - 2021

RESEARCH

Smart Wheelchair with SMS Alert and Safety Features, Research Paper   June 2021
https://www.researchgate.net/publication/352707347_Smart_Wheelchair_with_SMS_Alert_and_Safety_Features

Automatic Cattle Feeding System, Research Paper   Sept 2019
https://www.researchgate.net/publication/337159115_Automatic_Cattle_Feeding_System

EXTRA

Participant in Webinar on Internet of Things System   Aug 2020
IEEE Nepal Sub-section

Volunteer in Kathfest   Jan 2019
Kathford Int'l College, Tribhuvan University, Kathmandu, Nepal

Participant in the training on Empowering Women in Geospatial Information Technology   June 2018
ICIMOD, Kathmandu, Nepal

Participation in 16th National Technological Festival   2019
IOE, Pulchowk Campus, Kathmandu, Nepal