




Khemraj Shrestha

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EDUCATION

- Institute of Engineering, Thapathali Campus
Bachelor of Computer Engineering: (126 credit hours)
Kathmandu, Nepal
Mar 2021 – Present
- Kathmandu Model College – KMC
Science – Physic Background (CGPA: 3.65)
Kathmandu, Nepal
Aug 2017 – Nov 2019

EXPERIENCE

Institute of Engineering, Thapathali Campus

Thapathali, Kathmandu

Frontend Engineer

May 2023 – Present

- Creating campus website, proficient in **React.js** and **Next.js**, building user-friendly web applications from **UI/UX** wireframes,
- Collaborated with diverse teams to integrate **APIs**, optimize performance, and ensure code quality while delivering impactful projects.

The Sparks Foundation

Singapore

Web Developer

Feb 2023 – Mar 2023

- Done virtual internship as a web developer, gaining hands-on experience in developing and implementing web applications,
- Collaborated with a remote team, actively utilizing **Git** and **GitHub** for version control and code management, enhancing technical skills.

SKILLS

Languages :-

C / C++, Python, JavaScript , PHP, SQL

Library / Frameworks :-

Bootstrap, jQuery, Wordpress, React, Next, Tailwind

Tools :-

GIT & GitHub, API's, Arduino, Docker, Kubernetes

Platform :-

Windows, Google Cloud, Microsoft Azure, Linux

Databases :-

MySQL, MongoDB

PROJECTS

- Developed Innovative **Arduino**-Based Automatic Car Parking System with **Sensor** Technology (**Arduino**),
- Implemented Hospital Information Management System for **Streamlined** Data Storage and Analysis (**C**),
- Designed and Developed Engaging **College Website** with Consistent Daily Traffic of **100** Visitors (**Next**),
- Developed a **Unique Syntax** Compiler for Simplified Code Compilation and Execution (**C++**).

LEADERSHIP & AWARDS

- Google Cloud Arcade Champion**: Mastered labs and earned epic swag rewards,
- Harnessing innovation and collaboration as **Organizer** and **Mentor** at Vertex Hacks **hackathon**: Guiding **103** enthusiastic hackers towards cutting-edge solutions,
- Microsoft**: Beta-Microsoft Learn Student Ambassador,
- Hosted engaging **Microsoft Build After Party**, empowering **over 80** tech enthusiasts in a celebration of learning and networking.