SASHWAT THAPA

As a recent college graduate about to embark on my professional journey, I bring a strong dedication and work ethic to the table. I am eager to take on tasks that will contribute to the success of the team and demonstrate my versatility through multitasking abilities. With a collaborative mindset and a commitment to making positive contributions, I am determined to work diligently and bring value to the company.

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EXPERIENCE

Backend Developer Intern | Sep 2022 – Nov 2022
ProtozoaHost | Kathmandu
- Designed and developed a secure and scalable RESTful API for a web application.
- Implemented testing and validation procedures throughout the development process to ensure API compliance with specified requirements.
- Collaborated with team members to deliver a high-quality API solution within the allocated timeline.
- Ensured API performance met expected standards by conducting rigorous testing and validation.

EDUCATION

Bachelor of Engineering | Information Science and Engineering
BMS Institute of Technology and Management | Bangalore
Aug 2019 – June 2023

General Certificate of Education | A-Levels (Science)
Malpi Institute | Kathmandu
June 2017 – June 2019

SKILLS

Programming Languages: HTML, CSS, JavaScript, Python, JAVA
Frameworks: NodeJS, ExpressJS, ReactJS, NextJS, TailwindCSS, Bootstrap
Databases: SQL, MongoDB
UI/UX Design: Figma

PROJECTS

Face Recognition Attendance System
- Implemented Machine Learning algorithm for Image Processing using Haar Cascade.
- Built the system around Attendance marking using CSV.
- Integrated yagmail for mailing CSV file to any mail address.

Online Flight Ticket Booking System
- Created an online website using HTML and CSS.
- Integrated website functionality using JavaScript.
- Implemented SQL database to the web application.

Fire Detection using CNN
- Created an Image Detection system using Python and OpenCV.
- Implemented multiple CNN architectures: NasNet-A-OnFire and ShuffleNetV2-OnFire.
- Worked with hardware component to make the system more efficient.