Prasanna Karmacharya

Nikhelishwor Marg, Koteshwor

Kathmandu, Nepal

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PERSONAL DETAILS

Date of Birth	:	24th Kartik 2052 (1995-Nov-10)
Gender	:	Male
Language	:	English, Nepali, Newari
Father's name	:	Kalyan Bikram Karmacharya
Mother's name	:	Prof. Dr. Sajani Shrestha
Permanent address	:	Koteshwor, Kathmandu
Marital status	:	Single
Nationality	:	Nepali
Religion	:	Hindu

OBJECTIVE

Seeking to work in a company where I could learn under working professionals to gain knowledge and enhance my skills and hence give my best in the enhancement and development of the organization.

EDUCATION BACKGROUND

Level	Institution	Board	Year
B.E in Electronics & Communication Engineering	Advanced College of Engineering & Management	T.U	2023
10+2	Little Angel's College	HSEB	2014
School Leaving Certificate (S.L.C)	Little Angel's School	Nepal Government	2012

WORK EXPERIENCE

- ❖ Good theoretical Knowledge of digital signals, circuit analysis and control system.
- ❖ Familiar with different tools and equipment used in electronics and communication engineering and electrical equipments.
- ❖ Support in medical business.

EXTRA-CURRICULAR ACTIVITIES

- ❖ AVR & PCB Designing Workshop conducted by Advanced Robotics Club in 2015
- ❖ Volunteer in "Tech Bihani 3.0" event conducted by Project association for Computer and Electronics (PACE) 2016
- ❖ Participation in robotic game "Robo Akhada" of Shrijana Event conducted by Advanced Robotics Club in 2018
- ❖ Participation in the EWC Regional Innovation Lab in Nepal 2019 organized by East-West center, Hawaii, USA and Research Center for Applied Science and Technology (RECAST)
- ❖ Participation on Inter-nation (SAARC) Youth Science conference 2021
- ❖ Volunteer and technical support in NRS (Nepal Research Society)

SOFTWARE SKILLS

- ❖ Programming knowledge of languages like C & C++ using Turbo C++ and DEV C++
- ❖ Training on Cisco packet tracer and Computer network
- ❖ Participation on basic CCNA Session
- ❖ Good knowledge of HTML and CSS
- ❖ Basic training of Python and MATLAB
- ❖ Microsoft Power Point
- ❖ Microsoft Excel/Access
- ❖ Microsoft Word
- ❖ Good knowledge of HTML and CSS(Cascading style Sheet)
- ❖ Computer graphics projects project using Turbo C++
- ❖ Basic Knowledge of SQL and database

ELECTIVE SUBJECTS

- ❖ Digital Broadcasting
- ❖ Radio-Frequency and Microwave
- ❖ Remote sensing

INTERESTS

- ❖ Robotics and design
- ❖ Travelling and cycling
- ❖ Computer games
- ❖ Reading about technologies
- ❖ Computer Networking
- ❖ Web designing

ACADEMIC PROJECTS

Project Title: "**Vehicle number plate recognition and parking system**"

Description:

This project deals with the development of managed parking system based on vehicle number plate recognition along with the vehicle security. It helps to short out the problem of parking space, minimize the traffic load and decrease the cases of vehicle theft from the parking space. In this project, the vehicle number plate recognition is performed through image processing by capturing image with the help of pi camera which is matched with the database in order to get entrance to the parking space, hence it also protects the vehicle from theft and only authorized vehicle can enter the parking space.

Project Title: "**Accelerometer based hand gestured control surveillance robot**"

Description:

This project "Accelerometer based hand gestured control surveillance robot" is a robot which can be controlled through the movement of the hand. It is a robot which can be used for the surveillance purpose. The micro-controller used in the robot is AT MEGA 32 which is connected to the accelerometer sensor, and controls the movement of the robot. It also controls the dc motors. A IP camera is also connected to the micro-controller to view the surrounding and a LCD display connected to it gives the information about the movement of the robot.

I hereby submit my personal resume & sincerely declare that all the information furnished is true to the best of my knowledge.

Date: 2023-07-24

Prasanna Karmacharya