SANJIB BARAKOTI

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SUMMARY

- Enthusiastic and eager to contribute to team success through hard work and excellent organizational skills.
- Proficient with Python and clear understanding of data structures, algorithms and programming concepts.
- Motivated to learn, grow and excel in new technologies.

TECHNICAL SKILLS

- **Programming Languages:** Python, C, C++, Java
- **Web Technologies and Libraries:** JavaScript, HTML/HTML5, CSS/CSS3
- **Databases and Source Control:** MySQL, MongoDB; GIT
- **OS and IDE**: Windows, Linux, Mac; Visual Studio Code, PyCharm, Eclipse, Matlab

WORK EXPERIENCE

Junior Software Developer Oct 2021 – Aug 2022

CitizenInfotech Pvt. Ltd. Nepal

- Involved in design, development and testing of a web application which uses modern web technologies and frameworks like React, HTML, CSS, python, and AWS.
- Created reusable components and features using react, ant-d, HTML and CSS as per the requirement.
- Took a training and attended various knowledge transfer sessions that were offered by the experienced developer as part of the company on boarding process.

ACADEMIC PROJECTS

Human Crowd Anomaly Detection Jan2021 – Aug 2021

- A real time system designed and developed to detect the abnormal behavior of the crowd.
- Using the video surveillance system, people are detected and their movement are tracked and as they show any abnormal behavior by suddenly moving an alarm is raised indicating that an abnormal event has been occurred.
- Python programming language and its packages like OpenCV, NumPy were used during the implementation of this project.

8-bit Carry Select Adder Sep 2019 – Nov 2019

- Designed and developed 8-Bit Carry Select Adder, circuit and Layout to enhance the computational speed of logical operations.
- Used Microwind and DSCH during the implementation of this project.

Automatic Street Light Feb 2018 –Jun 2018

- A device that detects the moving object in the road and automatically switches on the light if there is a presence of any object in the road.
- As the street light are switched on/off automatically, energy wastage is reduced.
- Arduino, IR sensors, LEDs were used during the implementation of this project.

EDUCATION

Ontario College Graduate Certificate January 2023 – Present
(Computer Software and Database Development)
Loyalist College in Toronto

B.E(Electronic and Communication) August 2017 – July 2021
Ramaiah Institute of Technology, Bangalore, India
Score: 7.36(CGPA)

VOLUNTEER EXPERIECE

- Participated in blood donation drive.
- Active participation in sports event organized by college and IEEE events.
- Worked as volunteer in Empyreal organized by EDC