

Banshaj Paudel

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Seeking a challenging and rewarding position in a research and development environment where I can utilize my skills in problem-solving and experimentation to drive innovation and make a meaningful impact.

Education

- Birgunj Public College.
Intermedia Studies in Business Management, NEB
CGPA: 3.05
2018-2020
- Madan Bhandari Memorial College.
Bachelors in Computer Application, TU
2020-Present

Work Experience

- AskBuddie
Jun 2020 - Present
I worked as a community developer to voluntarily support the growth and development of all the members and provide help in different forms.

Technical Skills

Languages: Python, SQL, Javascript, HTML, CSS

Frameworks and Libraries: Flask, Fast-API, SQLAlchemy ORM, Peewee ORM

Databases: MySQL, Firebase

VCS: Git, GitHub

Softwares: Microsoft Office 365, Microsoft Power Automate, Microsoft Power BI

Closed Source Projects

- **Drishya**

A smart glass that can detect objects, humans, and guide with daily life tasks, especially made for the people who are partially or fully visually impaired. It uses Artificial Intelligence to detect the objects and informs or guides the user through the integrated pair of earplugs in the glasses.

- **Him-Aid**

A low powered and lightweight IoT device created for people who enjoy mountaineering, hiking, bicycling, and other adventurous sports. It is a device, integrated with a small push button that sends distress signals in case of emergencies like avalanches, hailstorms, accidents, etc. The device uses LoRa for a communication range of 10KM in the open area and uses Flask for backend processing of the incoming data, and further shows the information in a web application using HTML, CSS and JavaScript.

Honors and Awards:

- Asia-Regional Finalist in “*Seeds for the Future*”, Huawei’s CSR program,
- “*Most Creative Award*” winner at KU’s Hackathon by EEPeX,
- Presented two research papers on the “*International Symposium on Cultural Heritage x Sustainable Development in the Asia-Pacific Region - Milestones and Opportunities*”, organized by UNESCO, Bangkok and Asian Academy of heritage management.

Soft Skills:

Languages: English, Nepali, Bhojpuri, Hindi

Team Skills: Leadership, Team Player, Clear Communication, Time Management