BANSHAJ PAUDEL

Backend Developer

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📍 Kathmandu, Nepal

PROFILE

I am currently a student working with different technologies and 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.

LANGUAGES

- English
- Nepali
- Hindi
- Bhojpuri

SKILLS

- Professional
- Teamwork
- Flexibility
- Creativity
- Management

AWARDS

SEEDS FOR THE FUTURE, 2022

Asia Regional Finalist at Huawei's CSR program in Singapore and Thailand

WORLD FINALIST, IMAGINE CUP 2023

One of the top 16 teams from Asia at Microsoft Imagine Cup, where we presented our smartglass for people with vision loss

EDUCATION

Birgunj Public College. 2020	**Intermediate Studies** Intermedia Studies in Business Management CGPA: 3.05
Madan Bhandari Memorial College Present	**Undergraduate Studies** Bachelor's in Computer Application

TECHNICAL SKILLS

Languages	Python, SQL, Javascript, HTML, CSS
Frameworks and Libraries	Flask, Fast-API, OpenCV
Databases	MySQL, Firebase
VCS	Git, GitHub
Cloud Services	Azure Cognitive Services
Packages	Microsoft Office 365
	Microsoft Power Platform

WORK EXPERIENCE

Freelancer 2022 - Present	**Solution Developer** I have worked with image processing, product development, IoT device configuration, and backend development.

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

Low-powered IoT device with distress signal button for adventurers, utilizing LoRa communication, Flask backend, and web application for data display.