

BANSHAJ PAUDEL

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Developer | Community | Hackathons

Kathmandu, Nepal



SUMMARY

Passionate computer science student with expertise in Python backend development, dedicated to creating accessibility projects, exploring Machine Learning, and Non-invasive Neuro technology. Enthusiastic community supporter, actively volunteering at AskBuddie for nearly two years, and a hackathon enthusiast committed to giving back

EDUCATION

Birgunj Public College

Intermedia Studies in Business Management
2018 - 2020

Madan Bhandari Memorial College

Bachelor's in Computer Applications
2020 - 2025 (Present)

SKILLS

Technical Skills:

- Languages: Python, SQL, JavaScript
- Frameworks and Libraries: Flask, Django
- Cloud: Azure Cognitive Services
- Databases: MySQL, Firebase
- VCS: Git, GitHub
- Packages: Microsoft Office 365 Microsoft Power Platform

Soft Skills:

- Problem Solving
- Team Collaboration
- Leadership
- Communication (written and verbal)
- Adaptability
- Critical Thinking
- Time Management
- Initiative
- Mentorship and Coaching

Community and Volunteer Skills:

- Community Engagement
- Volunteer Management
- Event Organization
- Networking
- Public Speaking

PROFESSIONAL EXPERIENCE

Freelancer

Independent Projects | 2021 - Present

- Product Development
- Monitoring Dashboard Configuration
- SAP Data Integration with Microsoft Power Platform (UNESCO)

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. This project has been featured at Microsoft Imagine Cup 2023 and ICT Award's "Rising Star Innovation Awards" Category in 2023 as well

Him-Aid

An IoT device created for people who enjoy mountaineering, hiking, bicycling, and other adventurous sports. With a small push button that sends distress signals in case of emergencies like avalanches, hailstorms, accidents, etc. The device uses Flask for backend processing of the incoming data, and further shows the information in a web application using HTML, CSS and JavaScript.

AWARDS AND RECOGNITION

Regional Finalist, Seeds for the Future 2023

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

World Finalist, Microsoft 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

Hackathons

Participated in more than 12 hackathons and emerged victorious in 11 of them where we learned technical and soft skills like communication, public speaking and many more