Banshaj Paudel

Kathmandu, Nepal
+977-9865522222
banshajpaudel5010@gmail.com
https://banshaj.com.np/

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

Professional Experience

- **Freelance**
  Dec 2022 - Present

  I am freelancing for individuals and organizations on different projects like web-app backend development and powerapp platform configuration with SAP data warehouse.

- **Microsoft Learn Student Ambassador**
  Jan 2023 - Present

  I am volunteering as a Learn Student Ambassador at Microsoft where I focus on empowering and helping everyone in our community by organizing technical, non-technical, social and soft skills workshops, with the other Student Ambassadors.

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

Soft Skills:

Languages: English, Nepali, Bhojpuri, Hindi

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

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 IoT device created for people who go on adventures like mountaineering, hiking and expedition. It is integrated with a push button that sends distress signals in case of emergencies like avalanches and hail storms or any accidents. The device uses LoRa for communication and Flask for backend processing of the incoming data, and further shows the information in a web application.

Honors and Awards:

- Asia-Regional Finalist in *"Seeds for the Future"*, Huawei's CSR program in Thailand and Singapore,
- *"Most Creative Award"* winner at KU's Hackathon by EEPeX,
- Research papers presented at 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.