

Resume

Personal Information

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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. My interest lies in the field of Backend Development, Product Engineering, and Research.

Languages

- English
- Nepali
- Hindi
- Bhojpuri

Skills

- Teamwork
- Communications and Outreach
- Creativity
- Project Management

Work Experience

Freelancer Solution Developer 2022 - Present
I am an independent developer working as a freelancer on different projects like IoT, Product Development, SAP Configurations.

Project Lead, IdeaX Hackathon April - Sep, 2023
Project lead of IdeaX, a UNESCO Collaboration Hackathon, at MBM College where I look over the entire project with tasks like Outreach, Team Recruitment, Management, Communication, and Public Relations.

Achievements

- SEEDS FOR THE FUTURE, 2022 - One of the 7 Asia Regional Finalists at Huawei's Flagship CSR program, which included a visit to Thailand. We also participated in the Tech4Good Hackathon where our idea of Detection of Counterfeit Drugs using Blockchain led us to win a seat at the T4G Accelerator camp in Singapore.
- WORLD FINALIST, IMAGINE CUP 2023 - One of the top 16 teams from Asia at Microsoft Imagine Cup, where we presented our smart glass for people with vision loss called "DRISHYA."
- Research Presenter, UNESCO Bangkok - Presented two of our research papers at the international heritage conservation symposium: 'The Next 50 Years: Challenges and Opportunities for World Heritage'. The title of the research where:
 1. Digitization of Cultural Heritage Sites and Artifacts using 3D documentation for their conservation,
 2. Analytical study on Impacts of Natural and Human-Induced Crises for the Welfare of South Asian Heritages.

Education

Birgunj Public College Intermediate Studies	2018-2020
Madan Bhandari Memorial College Bachelor's in Computer Application	2020-Present

Technical Skills

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

Projects

- **DRISHYA** - Microsoft Imagine Cup project. A smart glass that can detect objects, humans, and guide people with daily life tasks, especially made for those who are partially or fully visually impaired.

References

Nirjal Paudel
Senior Software Engineer, Hyteno
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