

Bisika Pant

Kathmandu, Bagmati, 44600

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Emerging Data Scientist and Front-End Developer passionate about transforming complex data into simple, beautiful, and impactful solutions. Certified in Artificial Intelligence & Data Science (NCC UK), with expertise in bridging machine learning, web development, and UI/UX design to create user-centric products. Proven track record in solving real-world problems, including rapid plant disease detection using deep learning (PlantMD), developing sentiment analysis and spam detection models, and crafting clean, interactive interfaces in Figma and Canva. Current focus includes training and optimizing vision models on real-world datasets, building scalable front-end architectures, and designing seamless user experiences that drive engagement.

Websites, Portfolios, Profiles

- www.linkedin.com/in/bisikapant-777codemuse
- <https://github.com/codemuse-bcka777>
- <https://codemuse-bcka777.github.io/portfolio/>

Education

+2 in Physics, Mathematics, Computer Science May 2025
Kathmandu Model Secondary School, Bagbazar, Kathmandu

Skills

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|-------------------------------------|----------------------|
| • Natural Language Processing (NLP) | • Machine Learning |
| • Deep Learning | • Python |
| • Web Design- Figma | • Data Visualization |
| • UI/UX | • SQL |

Experience and Projects

- **PlantMD**
Incubate Nepal, Kathmandu, Bāgmatī, Nepal June 2025 to August 2025
 - Built a deep learning plant disease detection web app with 92%+ accuracy using CNNs & Py Torch.
 - Designed an intuitive UI in Figma; deployed with Next.js, reducing manual diagnosis time by ~80%.
- **Spam Email Detection (Independent Project)** January 2025 - February 2025
Self-employed, Kathmandu, Bāgmatī, Nepal
 - Created a Naive Bayes & TF-IDF model to detect spam with 15% lower error rate than baseline
 - Enhanced dataset preprocessing for better accuracy and performance.
- **Sentiment Analysis Model** February 2025 - March 2025
Self-employed, Kathmandu, Bāgmatī, Nepal
 - Developed a Python-based NLP model to classify customer reviews with 88% accuracy.
 - Used scikit-learn, NLTK, and data preprocessing to deliver real-time feedback insights.

Certifications

- NCC Data Science Course by UK Colleges, Nepal November 2023 - March, 2024
- NCC Data Science Course by UK Colleges, Nepal-November 2024 - March, 2025
- UNESCO Youth Hackathon Participant - Theme - Misinformation Literacy
- Bronze Medalist in National AI Olympiad-2025

Languages

- Nepali-- Native
- English--Proficient
- Hindi--Conversational