NIKHIL SHARMA

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Education

DIPLOMA IN COMPUTER SCIENCE AND TECHNOLOGY | AUGUST 2020 | CENTER FOR COMPUTER AND COMMUNICATION TECHNOLOGY.

- Promoted to Class Representative (CR). Led various teams of students in sports & cultural events.
- Graduated with first-class certification with an average CGPA of 7.78.

B. TECH IN COMPUTER ENGINEERING | JULY 2026 | SIKKIM INSTITUTE OF SCIENCE AND TECHNOLOGY.

- Won various competitions in sports & cultural events.
- Pursuing 8th semester. Completed 7 sem with an average of 6.5

Experience

FRONT-END DEVELOPMENT | BOLDS INNOVATION PVT. LTD. | FEB 2021 – JUN 2022

- Built and integrated a landing page to manage online Admission services with the Sikkim Government, with React and Redux.
- Design and establish user-friendly websites, including optimized check-out pages, resulting in a 25% increase in user clicks and subsequently 33% in students in admission
- Led front-end development, integration, and testing of web pages. Provide adequate training to 6+ staff members and 10+ student trainees on campus, including steps on how to make minor updates/changes independently

Projects

TO CONSTRUCT A 3D MODEL FROM A SINGLE-VIEWPOINT USING DEEP LEARNING.

- Improve the quality of the 3D model construction from a single viewpoint image
- Used voxel-based mesh construction and deep learning fusion methods for a lightweight performance and achieved 87% IoU accuracy.

SMART SIGN LANGUAGE TRANSLATOR USING CNN, LSTM/TRANSFORMER MODEL.

- The idea is to improve communication by converting gestures into text or speech in real-time in live calls and meetings.

MACHINE LEARNING APPROACH TO RICE SEEDLING GROWTH STAGE AND DISEASE DETECTION.

- This project is to enable early and accurate detection of potential issues in rice crops. Used multiple Machine Learning algorithms to train models and implemented them on a web-app for user interaction.

PERSONALIZED ONLINE COURSE RECOMMENDER SYSTEM WITH MACHINE LEARNING.

- Building a personalized recommender system based on course content and learners' previous interactions with courses can help learners discover new courses of interest and facilitate their learning paths.

Skills & Abilities

- **Languages -** Python, R, SQL, JAVA, C, C#, C++, JavaScript, PHP, HTML, CSS.
- **Skills -** Machine Learning, Deep Learning, ANN, CNN, RNN, LSTM, React, MongoDB, Git, Tableau, Power BI.
- **Coursework –** Data Structure and Algorithms, Object-Oriented Programming, Database Management.
- **Extra-Curricular –** Strategic Gaming, Cricket, Sounds & Music, Wildlife Explorations (Trekking & Camping).

Certifications

- **IBM / Machine Learning | Coursera | Dec 2022 – Apr 2023.**
- **IBM / Data Science | Coursera | Aug 2022 – Sep 2022.**
- **Google / Data Analytics | Coursera | Jun 2022 – Aug 2022.**
- **University of Michigan / Python | Coursera | Nov 2020 – Dec 2022.**