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## Dilli Hang Rai

CS Student

Itahari-20, Tarahara Sunsari, Nepal

9811075414

[dilihangrae@gmail.com](mailto:dilihangrae@gmail.com), [dilihang.ra.078@godawari.edu.np](mailto:dilihang.ra.078@godawari.edu.np)

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## Skills

- **Programming Languages & Frameworks:** C, Python, Django, React, BeautifulSoup, Data Scrapping
  - **Machine Learning Tools:** TensorFlow, NumPy, Keras, Scikit-learn, Pandas
  - **Data visualization Tools:** Matplotlib
  - **Technical Writing & Reporting**
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## Experience

### Web Developer

*EDA Nepal Pvt. Ltd, Kathmandu (Remote)*

*August 2021 - November 2022*

- Integrated Front-End Libraries/Frameworks with MVC (.NET/C#)
  - Tested Web Apps & APIs, resolved design issues and logical errors
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## Education

**Bachelor of Science in Computer Science and Information Technology (B.Sc. CSIT)**

**Tribhuvan University, Godawari College, Itahari-9**

*April 2022 - May 2026*

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## Projects

- [Sentiment Analysis](#): Developed a sentiment analysis model for review classification
- [Language Identifier/Text Identifier ~ N-Gram Model](#): Developed an N-Gram model for language/text identification
- [Vacuum Cleaner Agent](#), ([Demo](#)) Python-based GUI that simulates an [AI vacuum cleaner's navigation](#) and cleaning process.
- [Speech-to-text](#) - Developed using Python Speech Recognition Library
- [CNN Object Detection](#): Implemented a Convolutional Neural Network for object detection
- [Movie Recommendation System \(Recommendation System\)](#) Built a recommendation system for movies
- [Chess](#) - Ongoing project related to chess game development
- [Maze Runner Agent](#) - Designed a simple AI agent capable of optimal navigating and solving mazes
- [CSIT Solution App](#) - Developed a comprehensive app for accessing and managing all academic resources from a B.S.c CSIT program

## [ML Projects GitHub](#)

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## Articles and Publications

- [Medium](#), [LinkedIn](#) - Articles on various computer science subject topics
  - [Publications Survey and Case Studies \(Articles and Reports\)](#)
    - [A Minor Survey on the Problems or Challenges Faced by CSIT Students in Nepal](#) Feedback Study by Dilli Hang Rai:: SSRN
    - (PDF) Title: [Case Study on the Role of Media and Communication in Social and Cultural Change in Nepal \(researchgate.net\)](#)
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## Certifications

- [Web Developer](#) - EDA Nepal Pvt. Ltd ( Professional Working Experience Certificate)
- [#60DaysOfLearningwithLeapfrog](#) - **2022, 2023, 2024**
- [Javascript Algorithms and Data Structure](#) - freecodecamp
- [Full Stack Development](#) - Level Up
- [AI For Everyone](#) - DeepLearning.ai
- [100 Days of Self-Learning](#) - SkillShikshya & ITSNP (AI/ML)

- [Introduction to Python](#) - Datacamp
  - [FrontEnd/Web Design Workshop](#) - Mentor
  - [IIC Quest 2.0 Hackathon](#) - Team Lead & Hackathon Competitor
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## Events & Participants

- [#60DaysOfLearningWithLeapFrog](#) - 2024 (Top 60 Exceptional Learner)
- [AI Talk](#) - (Event Management & ML Project Demonstration)
- [IIC Quest 2.0 Hackathon](#) - Team Lead/Competitor
- [FrontEnd/Web Design Workshop](#) - Workshop Mentor at Sushma Godawari College
- [CAN-INFOTECH 2024](#) - Participant/College Representative
- [UI/UX Design Workshop](#) - Participant

## Social Media and Profile Links

- [LinkedIn](#)
- [Twitter](#)
- [GitHub](#)
- [Portfolio](#)
- [ResearchGate](#)
- [SSRN](#)