Rojesh Shrestha
CS Student

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Values

Quick Learner
Team Player
Self-Motivated

Technical Skills

Languages:
HTML, CSS, JavaScript, Python, C, C++, MySQL

Libraries/ Frameworks:
React JS, Django, NumPy, Matplotlib, Scikit-Learn, Tensorflow, Pandas, OpenCV

Social Links

GitHub: /thenewbie0000
LinkedIn: /shrestharojesh1/

Achievements:

Sessami Web Development Traineeship Oct 2023
I was selected as one of 7 fellows in Sessami.Inc and have been exploring various aspects of web development under the guidance of the mentor.

Code for Nepal Data Fellow May- Aug 2023
Under this fellowship, I have been taking various courses related to data science field under track developed by Code for Nepal team.

DeerHack 2023 Winner May 2023
Selected as one of 15 out of 200+ teams to participate in DeerHack, a 72-hour hackathon organized by

About Me

Sixth Semester Computer Science student currently studying BSc. CSIT at Amrit Science Campus(ASCOL). I'm interested in solving real world problems with technology. I have done projects on Web Development and Machine Learning field.

Education

Amrit Science Campus (2021-
BSc. CSIT Fifth Semester
Xavier International College (2018-2021)
Plus 2 · 3.85 GPA · A++
Nepalaya School (2005-2018)
SEE   · 3.95 GPA   · A++

Projects

1. Sessami Traineeship   Oct 2023 – Present
   HTML | CSS | Vanilla JS | React JS
   Here is the landing from where one can navigate to various projects I developed under this traineeship.
   https://thenewbie0000.github.io/Sessami-Assignments/landing/

2. CleanCam   May 2023
   Python| OpenCV | Yolo V8 | NumPy | Tensorflow | React JS| PostgreSQL| Flask
   An Object Detection Based Application that detects people littering in the streets through CCTV and alerts the concerned authorities. Here I prepared Data set for the model and trained ML model.
   https://github.com/thenewbie0000/CleanCam

3. Devanagari Digit Recognizer   April 2023
   Python | NumPy | Tensorflow
   A convolutional neural network based on multiclass classification to classify Devanagari digits and also predicts about images uploaded by the user.
   https://github.com/thenewbie0000/ML_Projects/tree/main/Classification/Devnagari%20Digit%20Recognizer

Deerwalk Institute of Technology. Developed a prototype 'CleanCam', an Object Detection Based Application in 72 hours with three other teammates.

Vertex Hacks   Jan 2023
Selected as one of 20 out of 150+ teams to participate in Vertex Hacks, a 48-hour hackathon at NATHM college, organized by IOE Thapathali Campus. Developed a prototype 'Doctor Sahab', an AI powered online doctor solution in 48 hours with three other teammates.

Fusemachine AI Fellowship Jan 2023
Selected as one of 200 out of 2000+ applicants to be part year long program featuring courses on ML, DL, CV and NLP

Code for Change   March 2023
General Member of Code for Change, a non-profitable organization that works as a bridge in between students and job opportunities.

4. Heart Disease Detection   March 2023
   Python | NumPy | Tensorflow | Pandas | Scikit-Learn
   This is part of the Fusemachine AI Fellowship Program where we predict if person has heart disease or not using Random Forest Algorithm.

5. Doctor Sahab   Jan 2023
   Django REST | React JS | Postman
   A website that worked as a bridge in between the patients and doctors which included various features such as e-pharmacy, online sessions.
   https://github.com/thenewbie0000/doctorsahab

6. Banking Management System   Oct 2021
   C Language
   This was our Freshman Project as an application for maintaining a virtual bank with the help of learnings from the course.
   https://github.com/thenewbie0000/Banking-Management-System

Extra Training/ Course

Artificial Intelligence Microdegree	**Fusemachine**
Tools for Data Science	**Coursera**
Machine Learning Specialization by DeepLearning.AI	**Coursera**
Introduction to Version Control with Git	**DataCamp**