Suraj Karki
Computer Engineer

I am an undergrad Computer Science and Engineering student currently in my last year of study. Artificial Intelligence, Deep Learning, and Software Development are my core strengths, and I am still learning them. I am looking for opportunities and collaborations in data science, deep learning, and software development projects. Let's make something special.

- Khairahani-05, Chitwan, Bagmati, 44203, Nepal
- July 05, 1998
- suraj.karki600@protonmail.com
- +9779866360934
- https://surajkarki66.com.np/
- surajkarki66
- Suraj Karki
- surajkarki

SKILLS

HTML , CSS and JS proficiency.

Strong understanding of Typescript.

Strong understanding of React Js and its core principles.

Strong understanding and hands on experience with NodeJs, ExpressJS, WebSocket and RESTful APIs.

Theoretical and practicle knowledge of Relational Dbs(PostgreSQL) and NoSql Dbs(Mongodb).

Strong Understanding of Python.

Hands on experience with Machine Learning libraries Scikit Learn, Pytorch and Tensorflow.

Good understanding of Python web frameworks Django and FastAPI.

Good understanding of ML algorithms, Deep Learning, Computer Vision and Natural Language Processing.

Familiar with code versioning tools such as Git

Some knowledge on Blockchain, Solidity.

Experience with bash scripting, linux and Arch Linux OS.

INTERESTS

Artificial Intelligence

Blockchain

Quantum Computer

EDUCATION

Nepal Engineering College, Pokhara University (November 01, 2018 - Present)
Bachelor in Computer Engineering
Pokhara University Full Scholarship Scholar
https://nec.edu.np/

Prerana Higher Secondary School (July 15, 2015 - May 15, 2017)
+2, Science   77 %

PROJECTS

Lucy (August 19, 2022 - October 19, 2022)
Lucy is an NLP-Powered chatbot that can interact with humans, and give the answer to the question which is related to Nepal Engineering College.
https://github.com/surajkarki66/Lucy-Backend

Movie DB (January 16, 2021 - October 14, 2022)
This website looks like IMDB, Which is a web app for movie lovers.
https://moviedb6.netlify.app/

Short IT (October 14, 2021 - November 14, 2021)
This is a website that is simple and fast to short your freaking long URL.
https://shortit6.herokuapp.com/

Minor Project - Glasir (November 25, 2021 - December 14, 2022)
Glasir is a Nepali freelancing platform. Here you can find jobs and also applied for job as freelancer.
https://github.com/surajkarki66/glasir

ImageCompressor (September 15, 2021 - September 23, 2021)
This is a cross platform desktop application to shrink the size of image.
https://github.com/surajkarki66/image-compressor

PTop (July 14, 2021 - July 30, 2021)
This is a cross-platform desktop application to check RAM and CPU usage of your system and monitor your system.
https://github.com/surajkarki66/PTop

Freyja (August 28, 2020 - August 30, 2020)
This is a web app to grade essay using LSTM model using Django REST, React and Tensorflow. The dataset used to train the NLP model is https://www.kaggle.com/mpwolke/hewlett-foundation-essay-scoring
https://github.com/surajkarki66/Freyja

ScreenCapturer (November 02, 2021 - November 23, 2021)
This is the cross platform desktop application to record the screen and save the recorded video in a particular format.
https://github.com/surajkarki66/screen-capturer

Blogging Site (September 14, 2019 - October 14, 2019)
This is simple website for blogging, but only creator can create the blog.
https://surajkarki66.pythonanywhere.com/

CERTIFICATIONS

Deep Learning Specialization (May 11, 2020)
Coursera
https://www.coursera.org/account/accomplishments/specialization/certificate/CV6CHH362FJR

Natural Language Preprocessing Specialization (October 16, 2020)
Coursera
https://www.coursera.org/account/accomplishments/specialization/certificate/WFLHX8XB48V3

Education category winner of Quantum Hack (August 29, 2020)
Quantum Hack
https://surajkarki.herokuapp.com/uploads/QH_HackathonWinner-Freyja-Suraj.pdf

MongoDB Basics (February 10, 2020)
MongoDB University
https://university.mongodb.com/course_completion/07af40e8-cfd9-4136-959a-32fa9c9db364

MongoDB for Javascript Developers (August 04, 2020)
MongoDB University
https://university.mongodb.com/course_completion/734e8f1b-9b9d-4db9-a887-ea210b8f56b0

MongoDB Cluster Administration Basics (August 12, 2020)
MongoDB University
https://university.mongodb.com/course_completion/6768da50-7824-4475-8cb8-272ba9195461