

KARAN SINGH

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EDUCATION

B.Tech. in Information Technology

Guru Nanak Dev Engineering College

Jul 2017 – Jul 2021

CGPA 7.95

Senior Secondary Education

Govt. Sen. Sec. Smart School PAU

Jul 2015 – Jul 2017

73%

Matrix Education

Rashtriya Bal Vidya Mandir School

Jul 2015

89%

LANGUAGES

Python

C++

Dart



EXPERIENCE

Web App Development

I develop web application using django framework, currently working on React for front end.



Android & iOS App Development

I develop mobile application using flutter mostly for Android.



Visual Programming

I have experience in data visualization for web and for math animation using p5.js and manim respectively.



Machine Learning

I have experience of Machine learning using python, tensorflow, sklearn.



Web Scrapping

I have experience of scrapping Websites data using selenium in python



Task Automation

I have experience of Writing scripts in python to automate tasks.



Teaching

I have 21 months experience of teaching science and math from 8th to 10th standard students.

PROJECTS

Ukodus

Flutter

Aug 2020

Using Flutter developed a Mobile Application of Sudoku game and with backtracking Algorithm to solve the game, which I wrote in dart programming language.

AI Recognizes Handwritten Digits

Python

Aug 2020

Using Tensorflow and MNIST digits Data Developed a handwritten digits recognizer with deep neural network.

Purrier Series

Processing

Jul 2020

Developed a Web, Desktop, Mobile Application Using P5.js, Processing, Android and Manim. Draw any 2D Drawing with circles.

Readify

Futter

May 2020

Using Flutter developed a Mobile Application to read E-books with Firestore as a cloud database.

Película

Django

Feb 2019

A Movie Review Web Application using Django framework.

TECHNOLOGY

Django

MongoDB

MySQL

Firebase

Flutter

Tensorflow

Sklearn

Selenium

Docker

ACCOMPLISHMENT

- **Coursera** - Neural Networks and Deep Learning.
 - **Lynda** - Python GUI Development with Tkinter.
 - **Lynda** - Learning MongoDB.
 - **Lynda** - Neural Networks and Convolutional Neural Networks Essential Training.
 - **Lynda** - NumPy Data Science Essential Training.
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TRAINING & INTERSHIP

AURIBISES

Python Programming with AI

📅 Jun 2019 – Aug 2019

During Training I learned Python, Data Analysis, Machine Learning.

GNDEC DATA SCIENCE

Data Science

📅 Jul 2020 – Dec 2020

During Internship I learned Business Aspects of AI, AI Integration, Data Analysis, Machine Learning, Deep Learning, Convolution Neural Network etc.