Jaskaran Singh

Software Developer | Machine Learning Engineer | Data Scientist

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EDUCATION

Thapar Institute of Engineering & Technology, Patiala
B.E Computer Engineering (CGPA : 9.65)
2018 - 2022

MGN Public School, Jalandhar
High School XI – XII (12th Percentage: 95%)
2003 - 2018

NANODEGREEs

Udacity Nanodegree
1. *Machine Learning Engineer*
2. *Data Scientist*
3. *Machine Learning using Tensorflow*
2020

PROJECTS

Build approx. 30 projects on ML, DL, Data Science and Full Stack, source code for all the projects is available on GitHub. A few are enumerated below:

Disaster Response Pipelines (GitHub)
Applied data engineering to analyze disaster data from Figure Eight dataset to build a model for an API that classifies disaster messages from Twitter.

Image Classifier Using Tensorflow (GitHub)
Image Classifier using Deep Learning and Neural Networks with Tensorflow.

Sentiment Analysis (GitHub)
Recurrent Neural Network for the purpose of determining the sentiment of a movie.

Plagiarism Detection (GitHub)
Build a plagiarism detector that examines a text file and performs binary classification labeling that file as either plagiarized or not.

EXPERIENCE

Coding Ninjas – *Teaching Assistant Intern*
Mar 2021 - Present
Working as a Teaching Assistant in one of the best coding schools in India teaching Data Structures and Algorithms.

KlearCard Singapore, *Software Developer Intern*
May 2020 - Jul 2020
Software Developer Intern in a Fintech Company of Singapore. Worked on Mobile App, handling RestAPI and coordinating with the backend team. (Letter of Recommendation available on **LinkedIn**)

Foxmula – The Smart Way, *Node.js Intern*
Jan 2019 - Mar 2019
Worked as a Full Stack Engineer and made a project using MERN Stack (Internship certificate available on **LinkedIn**)

TECHNICAL SKILLS

Programming Languages

C/C++, Python, JavaScript, Dart, Kotlin

Libraries for Machine Learning and Deep Learning

Numpy, Pandas, Matplotlib, Seaborn, Scikit–learn, PyCaret, Tensorflow, PyTorch

Frameworks, SDKs, Libraries for Web and App Dev

Flutter, Flask, Django, Node.js, React.js

Tools, Utilities and Databases

MySQL, Oracle SQL, NoSQL, Git and GitHub, Android Studio, VS Code, Netbeans

Cloud Platforms & Services

Amazon Web Services, AWS Lambda, AWS Sagemaker, Firebase Cloud Firestore, Realtime DB, Firebase ML Kit

ACHIEVEMENTS

Hackathons
1. *Startup Punjab Hackathon* Got first position and won a 25,000 cash prize.
2. *SIH Internal Hackathon*
Qualified for Smart India Hackathon in the year 2020.
3. *Intra College Hackathon*
In the first year of engineering, won an intra college hackathon grabbing 3rd position.

Microsoft Technology Associate
Became a Microsoft Technology Associate by clearing the MTA exam in Javascript and Node.js.

Competitive Programming
6 Star Coder on HackerRank and 400+ Problems solved on LeetCode.

Fests
Saturnalia, 2019
Organized Technical Events including HACKTIET in the flagship fest of TIET, Saturnalia.

Blogging
Started my Blog houseofcoding.com in 2019 spreading knowledge about Programming and best coding practices.

Scholarship
Won Financial Scholarships in both School and University for academic performance.