

Vikash Garg

Software Engineer

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An Engineering Graduate with excellent problem-solving skills and ability to perform well in a team. Passionate about coding and enjoy solving Real world problems and Love to implement AI solutions for the betterment of society and entire humanity.

EDUCATION

B.E. in Computer Science & Engineering Sri Venkateshwara College Of Engineering - Bangalore, India

06/2017 - 06/2021

with 8.4 CGPA

10+2 Boards

St. Michael's Senior Secondary School - Satna,
MP

06/2015 - 05/2017

68.9% in CBSE Board

INTERNSHIPS

Data Science Intern Technocolabs

01/2021 - 02/2021

Projects

- Designed and developed Machine Learning application to identify social media trolls using LSTM model with accuracy of 98.3%

Flutter & Machine Learning Developer Intern

Finplex Solution Private Limited

05/2020 - 07/2020

Projects

- Build a Flutter Application Called "FinPlex" also Build a Recommendation System For the same Using Collaborative filtering and Machine Learning Techniques

Python & Machine Learning Development Intern

Skadibolt Private Limited

07/2020 - 12/2020

Tasks

- Designing and developing Machine Learning systems Running machine learning tests and experiments. Implementing appropriate Algorithms.

Php Developer

Crytonix Consulting Service Private Limited

01/2019 - 12/2020

Projects

- Developed a web Application with php and mysql called QPDS (Question Paper Distribution System) helps to generate the question paper.

SKILLS

SQL Git Machine Learning Deep Learning
NoSql MongoDB Data structures & Algorithms
Linux Linear Algebra & Statistics CNN RNN
LSTM Multiple Linear Regression KNN
Reinforcement Learning Naïve Bayes

PERSONAL PROJECTS

Skin Disease Prediction using Deep Learning (06/2020 - 07/2020)

- <https://github.com/vikashgargg/Skin-Disease-Identification>
- It's a web App which basically tells what kind of skin disease you are having by simply uploading it's image and it also shows cure for it and nearby hospitals for treatment using **LSTM** with 98.66 % of Accuracy.

Video Based Dynamic Human Authentication System For Access Control (08/2020 - 09/2020)

- https://github.com/vikashgargg/VideoBasedDynamicHumanAuthenticationSystemForAccessControl_Houston
- It's a web App through which log entries of particular person is generated using Facial Recognition Technique using **LBPH** Algorithm combined with opencv with 97.6% of Accuracy.

Deepfake Detection using Deep Learning(ResNext & LSTM) (12/2020 - Present)

- https://github.com/vikashgargg/Deepfake_detection
- DL Techniques like ResNext and LSTM .Its detection is achieved by using transfer learning where pretrainedResNext CNN is used to obtain Feature vector. Further LSTM layer trained using this feature Accuracy(93%)

ACHIEVEMENTS

Winner Of SMART INDIA HACKATHON 2020 (08/2020 - 08/2020)

https://drive.google.com/file/d/1fuiwl3H_jQAEbH3_VhQl-MWgVvLd_Qg/view?usp=sharing

Winner Of "HACK-AI-THON" Organized by VVCE, Mysore (11/2020 - 11/2020)

https://drive.google.com/file/d/1zdESylFLQsciqubR2u1m3DtN8pYbt4e_/view?usp=sharing

PROGRAMMING LANGUAGES

Java
Full Professional Proficiency

C++
Professional Working
Proficiency

Python
Full Professional Proficiency

Dart
Professional Working
Proficiency