

# Varun Sekhar

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## SUMMARY

An engineer who is highly passionate about technology, with good problem-solving and interpersonal skills. Have the ability to work effectively with others to achieve common goals. Can handle multiple tasks efficiently. Can easily adapt to change and possesses eagerness towards learning and contributing to the organisation.

## EDUCATION

2016 - 2020

**Amrita School of Engineering, Amritapuri**  
*Btech - Computer Science and Engineering*

**Kollam, Kerala/India**  
**CGPA: 7.62/10**

2015 - 2016

**Kendriya Vidyalaya Kanjikode**  
*AISSCE 2016*

**Palakkad, Kerala/India**  
**Percentage: 92%**

2013 - 2014

**Kendriya Vidyalaya Kanjikode**  
*AISSE 2014*

**Palakkad, Kerala/India**  
**CGPA: 9.2/10**

## WORKSHOPS/TRAINING

- 2017 | **Machine Learning in Social Media Analysis**

Attended Machine Learning in Social Media Analysis workshop conducted by Amrita Center for Research and Development

## PROJECTS

- 2017 | **Personal Blog (Django)**

Objective was to build a platform for sharing my opinions in the web. I developed a blogging website and published it on Heruko server. This was designed and developed using Django framework, based on Python language. The end result was a fully functional blogging site.

- 2017 | **Student Diary (Java)**

I had done this as a part of college coursework. A program was to be designed which contained all information about a student's college life. I analysed the requirements and designed the structure of the program. Using Java language, the program was implemented. The result was a fully functional Student's Diary.

- 2019 | **Sentiment Analysis of Movie Reviews** (*Python|NLP*)

A predictive sentiment analysis model was developed using natural language processing tools in Python to predict whether a movie review is positive or negative. The training set was obtained from IMDB.

- 2019 | **Image Classification** (*Python|Tensorflow*)

Made a simple image classifier using TensorFlow to classify five different types of flowers; daisy, dandelion, roses, sunflowers and tulips. This was achieved by retraining a pre-trained model, ImageNet.

### **EXTRA-CURRICULAR**

- 2018 | **SSR - Social Awareness Campaign - Kannur**

Was a part of the team who led a social awareness campaign (3 days) in a government school.

### **SKILLS/INTERESTS**

- **SKILLS** - C, C++, Python, Java, HTML/CSS
- **TOOLS**- git, Django, TensorFlow, Scikit-Learn, Pandas
- **AREAS OF INTEREST** - Natural Language processing, Data Science, ML and Computer Vision
- **LANGUAGES** - Hindi, Malayalam, Tamil
- **HOBBIES/INTERESTS** - Rubik's cubing, Playing football

### **PERSONAL INFORMATION**

- **FATHER'S NAME** - Sekhar A
- **ADDRESS** - Ganesh Dhyuthi, Sivanandapuram Colony, Ambikapuram PO, Palakkad, Kerala 678011