

# Nikhil Ramesh

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## CAREER OBJECTIVE

A challenging and stimulating pursuit in a reputed organization, where I can best utilize my skills and strengths to accomplish the organization's goals and objectives and at the same time get an opportunity to expand my own knowledge base.

## EDUCATION

### PSG College of Technology

Bachelor of Technology in Information Technology,CGPA : 8.32/10.00

Coimbatore, Tamil Nadu

Jul '15–May '19

### Sree Valluvanad Vidya Bhavan, Malappuram

Higher Secondary Examination(CBSE),Percentage:87.4/100

Kerala

2013-2015

## WORK EXPERIENCE

### Software Engineer, Taurus Hard Soft Solutions

Jan'20-Jun'20

- Created and Deployed a web application for nomination
- Developed an application to automatically install deep learning frameworks.
- Developed a web application to enable dynamic time table scheduling for educational institutions.

### Independent Research

Detection of Micro-calcification in Digital Mammograms

April'19-Present

### Research Intern, Indian Institute Of Science with Taurus Hard Soft Solutions

Bangalore

Segmentation of Malignant Lesions in Digital Mammograms

Dec'18–April'19

## ACADEMIC PROJECTS

### Template Protection Using Multi-modal Bio-metrics

July'18-Dec'18

- A simple cancellable bio-metric filtering method is implemented to increase the security of the template.

### Tumour Class Prediction using Radiology and Pathology Images

July'18-Aug'18

- Devised a workflow for automated interpretation of radiology and pathology images of brain tumours to aid in the detection of tumour sub-type.
- Accomplishment: As a part of computational precision medicine challenge hosted by MICCAI.
- Model reported an accuracy of 0.75 against the unlabelled dataset. Secured **third position** in the contest.

### What Flower App (iOS)

June'18

- Developed an iOS app for detection of flowers in photos using Inception pre-trained model.

### Corporate Adroitness Gauging(CAG)

July'17 - Dec'17

- Developed web application for ATG tires, to know the skill set of the person. The application obtains answers for certain queries and classifies the employees based on the score.

### Automatic Smart Speed Governor

Jan'16-Mar'16

- Proposed a cruise control system that adjusts the speed of the vehicle based on the information obtained by the sensors deployed on the road to resist the speed of the vehicle.Selected as **best project at a National Level Project Expo** held at Coimbatore.

## SKILLS

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### **Programming Language**

- Python,C++,Html,JavaScript,PHP,Swift

### **Languages**

- English,Malayalam,Tamil

## AWARDS AND ACHIEVEMENTS

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- Attended the First Nepal Winter School in AI.(December 2018).
- Won 1st Prize in National Level Poster Presentation for the project Automatic Smart Speed Governor at KPR Institute of Technology. (March 2017).
- Won Gold Medal in International Informatics Olympiad(2015).
- Won Silver Medal in International Mathematics Olympiad(2015).