Sumukh Moudgalya
5th Sem ECE UnderGrad

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EDUCATION

JSS SCIENCE AND TECHNOLOGY UNIVERSITY(FORMERLY SJCE)
BE IN ELECTRONICS AND COMMUNICATION ENGINEERING

06/2018 - Present   *9.0/10*

SAI ANGELS COLLEGE
PUC(STATE BOARD)

06/2016 - 04/2018   *97%*

SAI ANGELS SCHOOL
X(CBSE)

06/2006 - 04/2016   *9.8*

PROFILE LINKS

github.com/sumukh-moudgalya

https://www.linkedin.com/in/sumukh-moudgalya-145b13186/

ACHIEVEMENTS

Held third rank for mysore division in NTSE exam in the year 2016

Secured a rank and qualified in the top 0.05 percent and qualified in the 10 lakh students who appeared for JEE Mains (2018)

LANGUAGES

English
Full Professional Proficiency

Kannada
Full Professional Proficiency

Hindi
Full Professional Proficiency

Telugu
Full Professional Proficiency

TECHNICAL SKILLS

App Development
Using Kotlin as language to develop any kind of Android applications.

Machine Learning
Basics of machine learning and artificial intelligence using Tensorflow ,tesseract,Sckit learn and python

Image processing
Learnt image processing and its application using openCv

Web Development
Full stacks web developer using Django as backend

SKILLS

KOTLIN   ANDROID APP DEVELOPMENT

FIREBASE   NATIVE ANDROID

MACHINE LEARNING   COMPUTER VISION

HTML   CSS   C   PYTHON   C++

DJANGO   FULL STACKS WEB DEVELOPER

MACHINE LEARNING   OPENCV   BOOTSTRAP

ARTIFICIAL INTELLIGENCE

FIREBASE DATABASE MANAGEMENT

PERSONAL PROJECTS AND PUBLICATIONS

Smart port (Patent pending)
- Worked on a project called smart port which helped in automatic charging of phones and saved energy by prevention of over-charging.The patent for this project is yet to be filed

Key Notifier (Patent pending)
- Prototype developed to remind people to not leave their keys behind in their vehicle through an android based application installed on the users phone. Patent is yet to be filed

Smart Regulator(Patent Pending)
- Prototype for an IoT controlled regulator with gas leak protection has been developed. Patent filing has to be done.This project involves an IoT controlled device controlled by an android app developed using kotlin.

Android Based audiometry application
- Working on an android application in collaboration with JSS hospital E N T Department to develop complete cloud based application for easy monitoring and observation of people with hearing discomfort. This app comes with user-specific and admin-specific login, with multiple user support in the same application. Firebase is used as backend for data-management,user-management and analytics.

Website for a local travel agency
- Had developed a website for a travel agency to help tourists with the information about travel and offer them booking their travel.The website is yet to be launched .The link for the developed website is- http://ckmlandofhills.pythonanywhere.com/

Machine Learning model on detection of covid-19 using chest X-ray
- Developed an effecient classification model for covid-19 detection using chest x-ray with 97% accuracy, with the help of keras with tensorflow as backend