

Venkatesh Arunachalam - <https://venkhatesh.github.io/>

EDUCATION

SIES Graduate School of Technology - University of Mumbai

- **Major** - Computer Engineering, B.E (GPA: 7.1)
- **Skills** - Android App Development, Python, JAVA, C, C++, Machine Learning

INTERNSHIPS

Artivatic.ai DataLabs Pvt. Ltd., Bengaluru — ML/AI & Android App Dev Intern JUNE 2019 - PRESENT

Learned TensorflowLite, OpenScan library and implemented in android for object detection and as a result it got used by the company to detect Vehicles in one product.

StudyLeague IT Solutions, Mumbai — Android App Development Mentor JUNE - JULY 2018

Worked as a Mentor with StudyLeague for 1 month to teach and solve Android App development to the candidates who have enrolled for the Android App Development Program.

HFA Solutions Pvt. Ltd., Mumbai — Embedded Intern JULY - AUGUST 2018

Learned working of GSM, GPS module and implemented a portable Outdoor Human Safety System and as a result it got used for the Safety of People.

ExpertsHub, Pune — ML/AI Intern JUNE- 2018

Learned Tensorflow, Keras library in 1 month and worked with a team of 4 to implement live Facial Emotion Recognition and as a result successfully recognised Facial emotion using webcam.

PROJECTS

Companion — https://play.google.com/store/apps/details?id=in.edu.siesgst.companion&hl=en_US

Learned MVVM Architecture and worked with a team of 6 members to Develop **Companion, an Android Application**, to receive relevant messages and notifications relevant to exams, railway concessions, attendance and as a result it is used by all the students of SIES GST.

Garbage Plastic Profiling — [Description Lin](#)

An Android Application to detect segregation of wet and dry waste using Tensorflow Image Classifier and detection of Plastic using Tensorflow Object Detection.

Smart Lights — <https://github.com/adikul30/object-detection>

Object detection with a pre-trained caffe model using openCV2 on Raspberry Pi. Integrated with Firebase to control the lights in a room in real time and Integrated with Google Assistant using IFTTT to give ADMIN voice control over the system.

Share_Scraper — https://github.com/venkhatesh/Share_Price

A Python script to collect Stock Market price of a particular company using BeautifulSoup package and notify through sms and Mail using Twilio Api and SMTP server.

FoodDonate — <https://github.com/venkhatesh/FoodDonate>

An android app to connect the sources of waste food production and channelling the edible food collected by the volunteers of NGOs and dispersion between the deprived people.

CodeChef Contest Track — https://github.com/venkhatesh/CC_Contest_Track

An Android Application to track Ongoing and Future coding contest on Codechef using Jsoup Library.

PharmHouse — [Github Link](#) ,<https://www.youtube.com/watch?v=ul8ngWAnI74&feature=youtu.be>

A python Script to generate QR code.A user side Android application to scan QR code and update the database to dispatch the required medicine and a Vendor side android app to restock the medicine. (more on link).

POSITIONS OF RESPONSIBILITY

Technical Team, Student Council, SIES GST — *Senior Android App Developer* **AUGUST 2018 - PRESENT**

1. On account of Hacktoberfest, got an opportunity to give a **Talk** on Tensorflow, to spread the awareness of **Open Source Development Community** and to organize **Developers Weekend, Navi Mumbai**.

GST Arena, CodeChef Campus Chapter — *Problem Setter* **AUGUST - JUNE 2018**

1. **Problem Setter and 2nd Year Representative** for the GST Arena, CodeChef Campus Chapter of SIES GST.

GST Developers Programme — *Instructor* **AUGUST - PRESENT**

1. Conducted weekly sessions and worked with 2 members to teach Android Application Development to 2nd and 3rd Year students of SIES GST.

CSI Chapter, SIES GST — *Weekly Activity Coordinator* **AUGUST - JUNE**

1. Got an opportunity to Organize, give a talk, handle an event and worked with a team for teaching basic Programming and organising Training Sessions at SIES GST.

AWARDS

- Secured 1st Prize in Bug4Ever, CodeChef Competitive Programming Contest.
- Secured 1st Prize in INNOVATION 2k19, National Level Project Competition Conducted by CSI chapter of SIES GST, Nerul.
- Secured 2nd Prize in Smart City Ideathon, A.P.Shah College.
- Secured 3rd Prize in ERR_404 2.0 hackathon conducted by Programmer's Club, Computer Department of M.H.Saboo Siddik College of Engineering.
- Secured 3rd prize in INNOVATION 2k18, National level project competition organised by CSI Chapter of SIES GST.
- Won Super Team Award in Project DeepBlue, a Mastek Initiative.

CONTACT

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