

# PranavChendur T K

mobile : +91-9787972333  
email : me@pranavchendur.com  
website : www.pranavchendur.com  
github : pranavchendur  
linkedin : pranavchendur

## EDUCATION

**Vellore Institute of Technology  
Chennai Campus**  
B.Tech. Computer Science and  
Engineering, 2019  
CGPA : 8.56/10

## ACTIVITIES

**KONE IBM Hackathon  
March 2017**

**Winner**

Built and demonstrated an end-to-end IoT Predictive Maintenance Solution for elevators.

## PROJECTS

**sub-GHz IoT Wireless Mesh for  
Agriculture Fields**

- Raspberry Pi, Arduino, nRF24L01 and several sensors for IoT nodes.
- Google Firebase and Thingspeak for Cloud IoT Handling.

**Neural Network based Indian  
Garden Plant Classification**

- Used Tensorflow w/ Inception model to train and classify

**Cloud API for Real-time online  
television content scheduling**

- Golang, PostgreSQL for Web API
- Deployed using Docker on AWS

PHP Web Crawler, PHP CRUD, Image Processing and Machine Learning in MATLAB, IoT Home Automation and more

**EXPERIENCE** Data Science, Linux Server Admin

**KONE Oyj, Hyvinkää**

Visiting Research Collaborator (Intern)

June 2017 - July 2017

- Developed visualization tool for Data Science R&D
- Performed Data Analytics for ~50,000 elevators

**Kilobyte Tech Solutions**

Founder & CEO - Freelance Web Development  
2013 - Present

- Administered Linux Servers serving over 1 Million page views
- Extensive experience in developing and hosting production PHP/MySQL applications
- Worked with corporate to create internal mobile communication app.

**CakeAmigo**

Founder & CEO - College Project to Startup  
September 2016 - Present

- Marketed and sold over 1 Tonne of cake to over 300 customers in 1 year.

**SKILLS** Artificial Intelligence, IoT, Web & Mobile App Dev

**LANGUAGES**

Go, C, C++, Java, PHP, HTML/CSS, JavaScript, SQL, Python

**LIBRARIES & FRAMEWORKS**

Node.js - Express, PHP - Laravel, CakePHP, HTML/CSS - Bootstrap, Python - NumPy, Pandas, Scikit Learn, Tensorflow, Keras, iOS/ Android Dev - React Native, Ionic Framework, Android SDK

**TOOLS**

MongoDB, Git, Docker, MySQL, PostgreSQL, MATLAB (incl. Machine Learning)

**CLOUD**

Amazon Web Services - EC2, S3, CloudFront, Elastic Beanstalk, Cognito, API Gateway, IoT Core  
Google Cloud - App Engine, Cloud IoT Core  
IBM Cloud - Data Science Experience, IoT Platform  
Microsoft Azure - Azure IoT Hub