

# Pavan Kumar

## Software Engineer

✉ hello@itspavan.dev    impeekay    itspavan    +91-8277123123    Bangalore, India    website

Energetic and passionate college student working towards B.E in computer science and engineering. Aiming to use my knowledge that I have acquired from my coursework, internships as well as self-study and with my hard-work to help building towards a better future at your organization and also learn a lot along the way.

### Professional Experience

#### **Syook, Intern**

Dec 2017 – present  
Bangalore, India

An IIoT startup based out of bangalore providing solutions to most manufacturing industries pain-points. Multiple roles were assigned to me ranging from full stack dev to an IoT engineer.

- Initially contributed to writing both frontend and backend code as a Full-Stack developer.
- Helped re-design and setup an end-to-end IoT infrastructure and secure the network.
- Performed a few DB management automation like backups and timely recovery from failures.
- Automated the deployments and setup a CD pipeline for the product.

### Achievements

#### **Smart India Hackathon (Ministry of Power)**

Mar 2019

Won the first place for designing a solution for efficient distribution of subsidy power for the Ministry of Power.

#### **Singapore India Hackathon**

Sep 2019

One of the few who were selected from India to participate in the singapore india hackathon 2019.

### Personal or academic projects

#### **Shop analytics**

Sep 2019 – present

- Provide useful insights about shoppers to the decision maker.
- Can be used to improve in-store efficiency and product placement to generate higher revenue.
- Uses Raspberry pi to collect data and has multiple modules upon which the analytics could be drawn.
- Has multiple implementations of IoT, Machine Learning, People detection in it.

#### **Created a platform to write code online**

Dec 2017 – present

- Basically an application similar to codewars, hackerrank.
- Executes code in a secure environment, and returns back the result.
- Currently being used at an educational institution as an internal tool.

## Skills

### Soft skills

- Teamwork
- Communication
- Problem Solving
- Analytical
- Critical Thinking
- Adaptability

### Technical

- Data Structures
- Algorithms
- Project design
- IoT
- Research
- Networks & Security
- Devops & Automation
- Object Oriented Design

## Programming Languages

Python

Javascript

Java

Ruby

## Education

**K.S Institue of Technology**, *B.E in Computer Science and Engineerring*

2020  
Bangalore

## Interests

Reading articles/blogs on new tech

Fitness

Trekking

Playing some sport