

Pavan Kumar

Software Engineer

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An energetic and passionate college student working towards B.E in computer science and engineering. Aiming to use the knowledge that I have acquired from my coursework, internships as well as self-study and with my hard-work to help to build 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