Punid Ramesh

Student

A highly self-motivated and diligent individual, currently developing skills in the Internet of Things. Passionate about technology and a firm believer in its capabilities. Innovative, creative, and willing to learn new things. My field of interest includes deep learning and developing backend services. Currently enhancing my skills and open to job opportunities.

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EDUCATION

B-Tech, Electronics and Communication Engineering with Specialization in Internet of Things and Sensors

Vellore Institute of Technology

05/2018 - Present *Vellore, IN*

CGPA

- 9.14

Higher Secondary

Bangalore International Academy

05/2016 - 05/2018 *Bangalore, IN*

Class 12 Result (CBSE)

- 93.2%

Matriculation

Ryan International School

05/2004 - 05/2016 *Bangalore, IN*

Class 10 Result (ICSE)

- 92.667%

VOLUNTEERING

Electronics Team Member

Creation Labs

08/2019 - 12/2019 *Vellore, IN*

We are a group of space enthusiasts who compete annually in NASA's collegiate Rocket Science competition, CANSAT, based on real world challenges faced in space.

Team Sammard

- Worked as PCB designer for CANSAT 2020 competition

Manager

DSC VIT powered by Google Developers

01/2019 - 09/2019 *Vellore, IN*

Developer Student Clubs is an initiative by Google to train thousands of student developers globally to solve real-life problems.

WomenTechies'19

- Worked in the sponsorship team to organize a successful women-centric hackathon

EXPERIENCE

AGIXURY (09/2020 - 10/2020)

Web Developer

SKILLS

Python | Java | C/C++ | HTML/CSS | SQL | Arduino | Machine Learning | MATLAB | Git | Django | Assembly | AWS | Docker

PERSONAL PROJECTS

Detection of COVID-19 from cough sounds using Deep Learning (10/2020 - Present)

- This project aims to detect the presence of Coronavirus using the cough audio samples as input and feature extraction is done to extract audio features like Mel-Spectrogram. CNNs are employed to classify if the audio sample shows COVID-19 tendencies.

Utilization of Embedded Systems for Smart Farming (02/2020 - Present)

- This project is a collaboration with the Electronics and Agricultural department of VIT. It aims to automate tasks in a farm, provide smart feedback and alerts to farmers and fully operate on renewable resources.

CERTIFICATES

Deep Learning Nanodegree (04/2020 - 06/2020)

A nanodegree program offered in PyTorch and AWS
https://confirm.udacity.com/NTKAL5PD

Machine Learning

A course by Andrew Ng offered by Stanford University on Coursera
https://www.coursera.org/account/accomplishments/verify/P9KAB9WAT9NV

Industrial IoT on Google Cloud Platform

Google Cloud based IoT course by the Google Cloud team on Coursera.
https://www.coursera.org/account/accomplishments/verify/TR8LX6L63PXU

PUBLICATIONS

Visualization and performance analysis on 5G network slicing for drones

https://dl.acm.org/doi/abs/10.1145/3414045.3416208

LANGUAGES

English
Full Professional Proficiency

Hindi
Limited Working Proficiency

Tamil
Limited Working Proficiency

German
Elementary Proficiency