

Punid Ramesh

Student

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A highly self-motivated and diligent individual, currently developing skills in 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 using the Django framework. Currently enhancing my skills and open to job opportunities.

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 Samard
- Worked as PCB designer for CANSAT 2020 competition

Technical Core Committee Member IoThinC

03/2019 - 12/2019

Vellore, IN

IoThinC VIT aims to provide a platform for students to explore and build incredible things using Internet of Things

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

SKILLS

Python

Java

C/C++

HTML/CSS

SQL

Arduino

Raspberry Pi

MATLAB

Django

AWS

Assembly

Machine Learning

Docker

PERSONAL PROJECTS

Dog breed Classifier (06/2020 - Present)

- This project uses CNNs to label different dog breeds from the input images. The model was implemented using transfer learning using the ResNet model with the fully connected layer trained with over 8000 images. The model can also detect if the input image is a dog.

Smart Farm (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.

Artemis (04/2019 - 05/2019)

- A website that provides live data for tracking the impact of the Coronavirus outbreak.

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>

Data Structures

A course on data structures from UC San Diego
<https://www.coursera.org/account/accomplishments/verify/KW2Q72R3AWKH>

LANGUAGES

English
Full Professional Proficiency

Tamil
Limited Working Proficiency

Hindi
Limited Working Proficiency

French
Elementary Proficiency