

# AVNISH KUMAR

PYTHON DEVELOPER

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## PROFILE

MCA | Around 2 years of experience in DjangoRestFramework, Machine Learning, Computer Vision, Tornado web API, Django, Flask, Python, JavaScript | Sound understanding of JQuery, AJAX, HTML, CSS3, JSON, SQL queries | Python modules websocket, asyncio, pyserial, onvif, pandas, socket, opencv, Redis | Docker, Travis CI, git, Linux

## EXPERIENCE

### PYTHON DEVELOPER

*WGD Analytics pvt. ltd., Sep 2019-*

- Created Recipe API using Django rest framework, Docker, Travis CI, Auth Token security.
- Created Flask API to stream live camera Feed to Django UI. Created ML scripts to identify different objects in live camera feed or Videos. Created ML models. Technology used computer vision, AI with Cuda and Opencv, Yolo3, Darknet
- Made Tornado web APIs for Hardware: Radar, Jammer, PTZ camera. Used diff protocols (LAN, serial port). Deciphered hex for hardware interaction using protocol docs. Technology used: Network Programming, socket, web socket, pyserial, onvif (camera), asyncio, redis, argparse, AJAX, JavaScript, leaflet.
- Developed end to end Django web app UI, database in Sqlite, connectivity of db to and from UI using JavaScript and JQuery.
- Created CLI note app and weather app using node.js and npm

## EDUCATION

### MASTER OF COMPUTER APPLICATION

74.72% (A.N. College, Patna, 2015-2018)

### BACHELOR OF COMPUTER APPLICATION

68.07% (A.N. College, Patna, 2012-2015)

## CERTIFICATE

PROGRAMMING, DATA STRUCTURES AND ALGORITHMS  
USING Python

70% (NPTEL IIT Chennai, Aug 2018 – Oct 2018)

## PRO SKILLS

Python	<div><div></div></div>
Django & Flask	<div><div></div></div>
Node.js	<div><div></div></div>
JS & JQuery	<div><div></div></div>
DS & Algorithms	<div><div></div></div>
Sql	<div><div></div></div>
Html & Css	<div><div></div></div>
Git, CI&CD, Linux	<div><div></div></div>

## PERSONAL SKILLS

Creativity	<div><div></div></div>
Team Work	<div><div></div></div>
Hard Work	<div><div></div></div>
Leadership	<div><div></div></div>

## LEARNING INTERESTS

Data Science  
IOT  
React, Redux  
AI