

Yogesh Pandey

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EDUCATION

MASTERS IN COMPUTER SCIENCE GEORGIA TECH

Dec 2022

GPA: 3.8

BACHELORS IN COMPUTER ENGINEERING COT, GBPUAT

June 2013

Percentage: 74.33

ST. MARY'S CONVENT SCHOOL

Percentage : XII (89.2), X (87.8)

CONTINUAL LEARNING

CERTIFICATIONS

- Coursera | Machine Learning : A Case Study Approach - Jul 2018
- Brocade Certified VRouter Engineer - Jun 2015
- Juniper Networks Certified Associate - June 2015

SPEAKING

- Intel Edge AI Workshops (10+ Countries/Online) - (2018 -2021)
- Small vs Large Flows : Opendaylight Forum - July 2015
- Finalist Intel India Embedded Challenge - July 2012

SKILLS

PROGRAMMING

Over 10000 lines:

• Python • Java • Shell

Over 1000 lines:

• C • C++ • Javascript

LIBRARIES AND PLATFORMS:

• Linux • Docker • Docker Compose • Git

• Flask • FastAPI • AWS • OpenVINO •

Jenkins • OpenShift • Kubernetes

BOARDS:

• RaspberryPI • ATOM Kit • Up-squared

Board • Galileo Board • Arduino UNO

DATABASES:

• MySql • MariaDB

LINKS

Personal Website:// [yogeshpandey](http://yogeshpandey.in)

Github:// [yogeshmpandey](https://github.com/yogeshmpandey)

LinkedIn:// [yogeshmohanpandey](https://www.linkedin.com/in/yogeshmohanpandey)

WORK EXPERIENCE | INTEL | 7 JULY, 2021 - PRESENT

INTEL NSWE JULY, 2021 - PRESENT | SOFTWARE ENGINEER

Bangalore, India

- Designed and implemented Back-end services for Intel DevCloud PAAS based on Openshift.
- Developed CLI for Intel Developer Catalogue for downloading Intel Softwares. The CLI is used in 300+ Intel Packages for deployment on end target device.
- Designed and implemented Intel Edge Micro-services (Azure Bridge Microservice, Visual Analytics Microservice).
- Designed and implemented Intel Visual Workflow Manager to help developers on-board and create Reference Implementations.

WORK EXPERIENCE | TCS | 19 NOV, 2013 - 7 JULY, 2021

TCS - IOT - COE | SOFTWARE ENGINEER

November 2017 - Jan 2021 | Hyderabad, India

- Developed software recipes for Intel ESH (Edge Software Hub) for Edge Insights Industrial and Universal Wellhead component.
- Designed and implemented automation test-suite for ESH for recipe Verification. This toolkit was used by other developers for their recipes..
- Mentored and trained 500+ developers in Intel Edge AI (Smart Vision, Retail and Industrial AI) across different GEOs.
- Helped ISV's and Start-ups to ideate, design, implement solutions on Open Visual Inference and Neural network Optimization toolkit.

DRONE SDK | SOFTWARE ENGINEER

March 2017 – November 2017 | Munich, Germany

- Created SDK and sample applications for Intel Falcon Drone Software system, that connects to the Drone cockpit via TCP/IP sockets.
- Implemented Python wrappers for the C++ core SDK framework.

BROCADE : BRANCH OFFICE MANAGER | SOFTWARE ENGINEER

Jan 2015 – March 2017 | Gurgaon, India

- Developed a commercial SDN/NFV automation solution for virtual branch office management.
- Devised and implemented algorithms for network wide (SD-WAN) DMVPN Hub-Spoke, Hub-Hub mesh configuration over RESTCONF-NETCONF interface. Implemented REST API's in Java Springboot.

TCS NEXTGEN R&D | OPEN SOURCE CONTRIBUTOR

May 2014 – Jan 2015 | Gurgaon, India

- Implemented IOT Sensors on Raspberry PI and developed flow writing mechanism on the basis of PCE (Path Computation Engine) as an Opendaylight Northbound Application. (Showcased in Mobile World Congress -2015).
- Ideation, Design and Development of a POC for Prioritizing Mice Flows in Software Defined Networks using Opendaylight. (Showcased in ODL Forum).