

# Vikas Pratap singh

Technical Consultant

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Technical consultant with excellent problem solving skills and ability to perform well in team, passionate about coding and enjoy learning new skills.

## EDUCATION

**B. Tech. in Electronics and Communication**  
Indian Institute Information Technology, Pune  
08/2017 - 06/2021 CGPA : 8.85/10

**AISSCE**  
Sainik School Tilaiya, Jharkhand  
04/2014 - 03/2016 Percentage: 88.00

## WORK EXPERIENCE

**Technical Consultant**  
o9Solutions Inc.  
07/2021 - Present Bengaluru, India

*Projects*

- Working in customer success team, helping client to automate their *Retail Sales and Procurement Process*.
- Working on SqlServer, MySQL, SSIS and Azure to build an end to end solution for multiple projects

**Functional Consultant Intern**  
o9Solutions Inc.  
02/2021 - 06/2021 Bengaluru, India

*Projects*

- Build high impact feature like *Customer Complaints* and *Employee Rating Portal* for client.
- Worked with SqlServer, MySQL, SSIS and Azure to build an end to end solution for multiple projects.
- Revamped to workspaces and fixed bugs.

**Design Engineering Intern**  
Cadence Design System  
05/2020 - 11/2020 Pune, India

*Projects*

- Worked in Design Engineering team helping them in validating designs.
- Worked on running regression and generating test cases for *IC Verification*.
- My worked involved playing around with *System Verilog* and *Perl*.

**Intern**  
IIT Kanpur  
05/2019 - 06/2019 Kanpur, India

*Projects*

- An educational internship primarily focuses on teaching concepts of *AIoT*.
- Gained hands on experience on IoT.
- Developed a remote controlled obstacle avoidance bots equipped with multiple sensor.

## SKILLS

Data Structures

Algorithms

SQL

SSIS

Object Oriented Programming

Git & Github

OpenCv

Operating Systems

DBMS

Linux

Azure

## PERSONAL PROJECTS

Virtual White Board (12/2020 - 03/2021) ↗

- A python based *Teaching Board* that aims at easing explanation for people in virtual mode.
- It uses OpenCv & numpy library to extract input from streaming video and transform the movement to display on canvas.
- Equipped with multiple functionality such as dual theme , save and Pdf notes generation.

Underwater Image Enhancement (08/2019 - 12/2019) ↗

- Worked on to develop an effective technique that enhance the images captured underwater.
- It is a single image based approach which doesn't require specialised hardware.
- Developed based on white balancing, histogram and multi scale fusion techniques in MATLAB.

Animal Monitoring System (05/2019 - 07/2019)

- A Python based *Animal Monitoring System* aims at preventing animals to enter in the fields.
- It uses OpenCv, Raspberry-Pi, Pi-camera for animal detection and communication with server.
- *Successfully tested* it to detect dogs by deploying Pi-camera on drone in IIT Kanpur campus.

## LANGUAGES

C++

Full Professional Proficiency

Python

Professional Working Proficiency

javascript

Professional Working Proficiency

Perl

Professional Working Proficiency

## EXTRA CURRICULAR ACTIVITIES

Member of Organising team EKLAVYA (Intra sports )

Member of students cell IIIT Pune

Captain of College basketball Team