# Vikas Pratap singh

**Technical Consultant** 

7014857644

vikas.iiitp@gmail.com

linkedin.com/in/vikas-pratap-singh in

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

- Proiects
- 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 two workspaces and fixed bugs.

# Design Engineering Intern

Cadence Design System

Pune, India

# 05/2020 - 11/2020 — 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

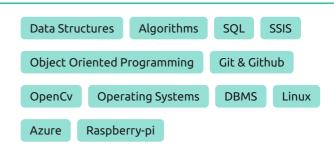
05/2019 - 06/2019

Kannur India

#### Projects

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

### **SKILLS**



## 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 enhances the image captured underwater.
- It is a single image based approach which doesn't require any 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++ Python
Full Professional Proficiency Professional Working
Proficiency

javascript Perl
Professional Working Proficiency Proficiency
Proficiency Proficiency

## **EXTRA CURRICULAR ACTIVITIES**

Member of Organising team EKLAVYA (Intra sports )

Member of students cell IIIT Pune

Captain of College basketball Team