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 two 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.*
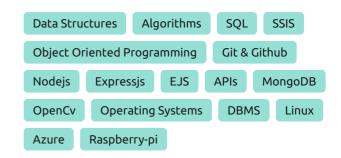- My worked involved playing around with *System Verilog* and *Perl.*

Intern
IIT Kanpur

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

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

SKILLS

Data Structures · Algorithms · SQL · SSIS · Object Oriented Programming · Git & Github · Nodejs · Expressjs · EJS · APIs · MongoDB · OpenCv · Operating Systems · DBMS · Linux · Azure · Raspberry-pi

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++
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