

VISHAL YADAV

PROJECT ASSISTANT

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[my portfolio website](#)

To join a renowned Organization to enhance my skills and knowledge and to work for the growth of the Organization.

EXPERIENCE

AUGUST 2018 - Present	PROJECT ASSISTANT - CSIR-NPL, NEW DELHI INDIAN STANDARD TIME(IST) DIVISION
	<ul style="list-style-type: none"># Developed a "<u>Web based game</u>" using HTML, CSS, JavaScript, jQuery and Bootstrap programming languages for CSIR-JIGYASA by Government of India (Gol) to demonstrate the concepts of time synchronization and its applications. <i>Check out this game hosted on - Game URL</i># Developed a "<u>Python-based software using Socket Programming</u>" to extract/filter data from the SATRE TWSTFT Modem and compared it with the former software (developed by ISRO).# Developed a "<u>Python- based GUI Application</u>" to display/plot and calculate Real-time data as well as Stored data like Time-Offset, Standard deviation, Lock percentage, etc. of the SATRE TWSTFT Modem.# Developed a "<u>Python-based data processing software</u>" which calculates the Average of Time Offset and processes the data every month for synchronizing the time of ISRO with the IST.# Developed a "<u>Linux-based shell-script</u>" to automatically fetch and upload files from the NavIC Receiver and SATRE Modem to the server daily. Successfully deployed all the above and <i>many more</i> software/programs in the Time and Frequency Lab, Main Building, CSIR-NPL.
AUGUST 2017 - AUGUST 2018	JUNIOR SOFTWARE ENGINEER - SHEETAL ENTERPRISES, NEW DELHI <ul style="list-style-type: none"># Developed and maintained various software for the company using python.# Improved overall efficiency by 13% of existing software by consistently optimizing it.

EDUCATION

2017	B. TECH- AMITY SCHOOL OF ENGINEERING AND TECHNOLOGY- NEW DELHI INSTRUMENTATION AND CONTROL ENGINEERING GGSIPU
2013	CLASSXII- MIDFILEDSSR.SEC. SCHOOL- NEWDELHI CBSE
2010	CLASS X - MAMTA MODERN SR. SEC. SCHOOL - NEW DELHI CBSE

INDUSTRIAL TRAINING

2017

Developed a "LabVIEW based Distance Measurement System using Optical Mouse" and compared it with the standard approach at CSIR-NPL.

SKILLS

#Python #Django #Django REST Framework #Font Awesome #Cron Jobs
#HTML #CSS #Selenium Web driver #jQuery #Vue.js
#Git/GitHub #Bootstrap #JSONWebToken (JWT) #PostgreSQL #Axios
#Djoser #Docker #Socket Programming #FTP/SCP #SQLite
#Elasticsearch

HONORS AND ACHIEVEMENTS

- # Certificate of poster presentation at the URSI-RCRS 2022 conference, which was titled "Digital S.I. Traceability of Time through an Application Programming Interface (API)" and was conducted by IIT Indore.
- # Certificate of Introduction to Measurement and Metrology by NPL, UK.
- # Certificate of introduction to Measurement Uncertainty by NPL, UK.
- # Certificate of Scilab training conducted by IIT Bombay.
- # Ranked 3rd (overall) and 2nd (in last 4 semesters) amongst all the students of ICE department.
- # 3rd University rank holder in the eighth semester.
- # Awarded as Intelligent and Smart student of the year (2012-13).
- # Awarded L S Gupta memorial award at NPL, India.

PERSONAL INFORMATION

- # Father's Name: Mr. Vikram Singh Yadav
- # Mother's Name: Mrs. Mithlesh Yadav
- # Date of Birth: 13th November 1993
- # Languages known: English, Hindi