

# VISHAL YADAV

PROJECT ASSISTANT

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

## EXPERIENCE

AUGUST 2018 - Present	<b>PROJECT ASSISTANT - CSIR-NPL, NEW DELHI INDIAN STANDARD TIME(IST) DIVISION</b>
	# Developed a " <u>Web based game</u> " using HTML, CSS, JavaScript, jQuery and Bootstrap programming languages for CSIR-JIGYASA (by Government of India) to demonstrate the concepts of time synchronization and its applications. <i>Check out this game hosted on - <a href="#">Game URL</a></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	<b>JUNIOR SOFTWARE ENGINEER - SHEETAL ENTERPRISES, NEW DELHI</b>
	# 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 GGSIU
2013	CLASS XII- MIDFIELD SR. SEC. SCHOOL- NEW DELHI 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  
#Continuous deployment #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