VISHAL YADAV

SENIOR SOFTWARE ENGINEER

+91 9582895161
06vishalyadav@gmail.com
[My portfolio website](#)

Senior Software Engineer with experience in building scalable and secure web & software applications. I have more than 5 years of experience in Python. I am always learning and staying up to date with the latest technologies and best practices in web & software development.

● EXPERIENCE

Mar 2023
-
Present

SENIOR SOFTWARE ENGINEER
Botlab Dynamics

\# Development & maintenance of various blender plugins for the company using python.
\# Developed software for accurate landing of the drones on their respective positions.

Aug 2018
-
Mar 2023

PROJECT ASSISTANT
CSIR-NPL

\# Developed a "Web based game" using HTML, CSS, JavaScript, jQuery and Bootstrap programming languages for CSIR-JIGYASA by Government of India (GoI) to demonstrate the concepts of time synchronization and its
applications.
Check out this game hosted on - [GAME URL](#)
\# Developed a "Python-based software using Socket Programming" to extract/filter data from the SATRE TWSTFT Modem and compared it with the former software (developed by ISRO).
\# Developed a "Python- based GUI Application" 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 "Python-based data processing software" which calculates the Average of Time Offset and processes the data every month for synchronizing the time of ISRO with the IST.
\# Developed a "Linux-based shell-script" to automatically fetch and upload files from the NavIC Receiver and SATRE Modem to the server daily.
Successfully deployed all the above and many more software/programs in the Time and Frequency Lab, Main Building, CSIR-NPL.

Aug 2017
-
Aug 2018

JUNIOR SOFTWARE ENGINEER
SHEETAL ENTERPRISES

\# 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 CLASS XII – MIDFILEDS SR. SEC. SCHOOL - NEW DELHI
CBSE

2010 CLASS X – MAMTA MODERN SR. SEC. SCHOOL - NEW DELHI
CBSE

SKILLS

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

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.
\# 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