

# Sananda Podder

## Software Engineer

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### Professional Experience

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01/2024 – 30/04/2024      **Developer**, Knowext.inc      Remote, Canada, USA

08/2021 – 09/2023      **Software Engineer**, Tech Mahindra      Bangalore, India

03/2020 – 08/2020      **Intern**, Prm Fincon Services Private Limited Kolkata, India

### Education

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07/2016 – 07/2020      **B.Tech**, Rcc Institute of Information Technology      Kolkata, India

### Skills

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C, C++, Core Java, Python, SQL/MySQL, Flask, Django, Networking Automation with Python, PyQt, Web Scraping, Html, Css, Javascript

### Projects

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#### Video Conference Application

22/01/2024–Present      Build video conference application with all the basic features and functionalities like Audio, Video, Messaging System, Participant Details, Screen Sharing, Meeting Recording, Leave Meeting, Notifications.

#### Tools:

- **Softwares:** Html, CSS, Javascript, Visual Studio Code
- **Platform:** Windows
- **Github**-added project code on Github

#### Mobile GUI Development Using Python

- 01/2023 – 09/2023
- Worked on Mobile GUI development using PyQt python library.
  - Developed the Tidelite Mobile GUI with QT designer tool and Python code.
  - Worked on regular feedback and requirements to update the GUI.
  - Worked on Android Mobile Automation Testing basics using connecting adb devices.
  - Worked on API Testing basics.

**Tools:****Softwares:**Python,Appium,Andoid Studio,PyQT Framework**Coding Editor:**Pycharm Community11/2021 –  
11/2022**Networking L2-L3 Protocols Automation**

- Networking Protocol Automation Using Python for Ixnetwork Software of Cisco Project using Python ixnetwork–restpy framework.
- Automate Routing and Switching Protocols(L2–L3 Protocols) using Python code.
- Developed many Apis(python functions written for automation) and tested many apis with proper arguments and test cases.
- Solved many issues of customers according to their requirements.

**Tools:****Softwares:** Ixnetwork Software of Keysight Technology with diferent versions.**Coding Editor:** Pycharm Community(ixnetwork–restpy Framework)02/2020–  
08/2020**Identification of Balance Sheet, Cash Flow and Income Statement Header from Annual Income of different Companies**

- Learned Python programming language and Flask framework.
- Worked on two modules of the project(classifcation and mapping) of annual income of different companies for balance sheet, cash flow and income statement using Flask and Python technologies.
- Worked on News API project using Python.
- Performed testing of those modules using Python Pytest and Unit Test

**Tools:****Softwares:** Python**Coding Editor:**Pycharm Community, Sublime Text, Visual Studio Code**Platforms:**Linux.**Languages:** Pyl'hon**Certificates**

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- NPTEL CERTIFICATION COURSE ON C++ Issued by IIT Kharagpur on April 2018
- Certification on JAVA by Globesyn Finishing School, Kolkata on September 2019.
- PYTHON FOR BEGINNERS Issued by Udemy on September 2021.
- NPTEL CERTIFICATION COURSE ON DBMS Issued by IIT Kharagpur on April 2019.
- PYTHON COGNITIVE CLASS Issued by IBM on September 2020.
- Java Tutorial for Beginners Issued by Udemy on September 09,2023.
  - The Ultimate MySQL Bootcamp: Go from Sql Beginner to Expert Issued by Udemy on 15 January 2024

**Interests**

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Karate Do(Black belt sho–dan), Martial Arts