# Ruchira Yallur

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### Education

Dayananda Sagar University, BCA - 8.48 CGPA (2022 - 2025)

Sri Chaitanya College - 11th ,12th (2021 - 2022)

Sadhguru Sainath International School - 10th (2011 - 2020)

### Projects - https://github.com/ruchirayallur

**Stock Scope Application:**

Developed a PyQt5-based desktop application for EDA and LSTM-based stock prediction. Included CSV upload, plotting, forecasting, Bollinger Bands, RSI, MACD, and modern UI.

**Habi Track:**

Habit tracker app with features like daily reminders, goal setting, progress visualization. Implemented features such as daily reminders, progress visualization with charts, and customizable habit goals to enhance user engagement and consistency.

**Medical Bot:**

Chatbot for medical inquiries for symptom understanding. natural language processing to understand user symptoms and provide preliminary advice, integrating a medical database to ensure relevant and accurate responses.

**Sudoku Game:**

Python app with Tkinter GUI, real-time input validation, and difficulty levels. featuring a graphical user interface with Tkinter, real time input validation, puzzle generation, and difficulty levels to enhance user experience.

**Skills Summary**

Proficient in Python fundamentals including variables, data types, operators, and control flow. Skilled in using data structures like lists, tuples, sets, and dictionaries, along with their methods. Experienced with functions, scope, loops, user input, string formatting, and file operations.

SQL Skilled in creating databases, tables, and performing operations. Proficient with `WHERE`, `LIKE`, `IN`, `BETWEEN`, and aggregate functions. Experienced in `JOINs`, subqueries, and multi-table data handling. Good grasp of sorting, grouping, and real-world data modelling.

Excel: data entry, formulas (IF, Nested IF, VLOOKUP, INDEX, etc.), data cleaning, validation, conditional formatting, PivotTables, dashboards. Comfortable with Excel shortcuts and structured data handling

Power BI: covering data import, cleaning, DAX formulas, data modelling, and dashboard creation with a hands-on Sales Data Project."

## Technical Skills

Python, SQL, Excel, Power Bi, Project Management, Quick learning ability, Teamwork, Effective Communication, Critical Thinking

**Certification**

* Oracle Certified Foundations Associate -Issued by Oracle University
* Data Analysis with Python -By CognitiveClass.ai (IBM)
* JAVASCRIPT,C -By Hacker rank
* Introduction to Data Analytics-By Great Learning – Skill Up
* Cyber Security Foundation Certification-By Infosys Springboard
* Front End Development – HTML-By Great Learning Academy

## Languages

English: Fluent, Kannada: Fluent, Hindi: Intermediate