

# Sundarraaj G

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## EDUCATION

- P.S.R. Engineering College** Sivakasi, India  
*Bachelor of Technology -Artificial Intelligence and Data Science; CGPA: 8.65* 2022 - 2024

## SKILLS SUMMARY

- **Languages:** Python, Java, C/C++, SQL
- **Frameworks:** NumPy, Pandas, Scikit, OpenCV
- **Tools:** Version Control (GIT), MySQL, Power BI
- **Platforms:** Linux, Windows
- **Soft Skills:** Leadership, Event Management, Time Management, Problem solving

## PROJECTS

- **Autonomous Attendance system (ML, OpenCv, Image Processing):** (Work in progress) Research oriented, open source, attendance system for automating the employee/student's attendance in school/colleges. Tech: Python, Machine Learning. Toolkit: Scikit (July '24)
- **Institutional Query Resolution Chatbot using Python:** Developed a chatbot to resolve user doubts and provide information based on content from the official website of an institution. The chatbot leverages JSON Data set to understand user queries and fetch relevant information accurately. Tech: Python, Json, Tkinter. (August '24) [\[Link\]](#)
- **Online Cafeteria System:** Created an online cafeteria system that allows students to order food and snacks from the college canteen using their mobile phones to save time. Tech: Python, Sql, Tkinter (January'23) [\[Link\]](#)
- **GPA Calculator:** Developed a GPA Calculator using Python which allows users to input their grades and credits for various courses and then calculates their Grade Point Average (GPA). Tech: Python, Tkinter (September '23) [\[Link\]](#)

## EXPERIENCE

- **Inventrom Private Limited Bolt IoT** Bengaluru, India  
*Student Partner (Part-time, Internship)* Nov 2023 - Dec 2023
  - **Task:** Conducted a seminar for over 60 students, elucidating the significance of IoT and ML to them. Engaged in communication with my juniors and seniors at college, disseminating knowledge about ML and IoT, aiming to generate interest in these domains among them.
  - **Topic:** Introduction to Machine Learning and Internet of Things

## CERTIFICATIONS

- Python Fundamentals For Beginners: Issued by Great Learning - September, 2023 [\[Verify\]](#)
- Red Hat Certified System Administrator: Issued by Red Hat- November, 2023 [\[Verify\]](#)
- Structured Query Language: Issued by Hacker Rank - May, 2024 [\[Verify\]](#)
- Machine Learning Modules: Issued by Great Learning - May, 2024 [\[Verify\]](#)
- GUI (python Tkinter): Issued by Great Learning - January, 2024 [\[Verify\]](#)

## VOLUNTEER EXPERIENCE

**Student Coordinator for Hub Of Innovative Ideas** P.S.R Eng College, Sivakasi  
Organized events, conducted workshops, and delivered sessions reaching over 120 students.