

Raja Balaji N

rajabalajinarayanan@gmail.com | +91 9344567375 | [LinkedIn](#) | [GitHub](#)

SUMMARY

As a dedicated student passionate about the intersection of data science, machine learning, and emerging technologies, I am actively acquiring the skills and knowledge necessary to excel in these dynamic fields. Currently immersed in a comprehensive learning journey, I am mastering tools and techniques for data analysis, machine learning, and algorithm development using Python. Additionally, I am exploring various data-related fields and continuously expanding my understanding of the tools and technologies in this domain. Eager to apply my evolving expertise, I am seeking opportunities to contribute to innovative projects and leverage my growing proficiency in these transformative technologies.

EDUCATION

Sri Krishna College of Engineering and Technology Bachelor of Technology in Computer Science and Business Systems. CGPA: 8.32	Tamil Nadu, India Sep 2022 – May 2026
Mary Matha School <ul style="list-style-type: none">HSC. Percentage: 91.33SSLC: Percentage: 98.6	Tamil Nadu, India May 2022 May 2020

SKILLS SUMMARY

- Languages:** Python, C++, SQL
- Frameworks:** Pandas, NumPy, Matplotlib
- Tools:** Excel, PowerPoint, MySQL
- Platforms:** Visual Studio Code, Jupyter Notebook
- Soft Skills:** Team management, Leadership, Critical Thinking

PROJECTS

Reimann Calculator Link Tech Stack: Python, Pandas, NumPy, Jupyter Notebook	Jun 2023 – Apr 2024
<ul style="list-style-type: none">A Riemann sum is an approximation of a region's area, obtained by adding up the areas of multiple simplified slices of the region. It is applied in calculus to formalize the method of exhaustion, used to determine the area of a region.	
Rock vs Mine Link Tech Stack: Python, Scikit-learn, Pandas, NumPy, Jupyter Notebook	May 2024 – Jun 2024
<ul style="list-style-type: none">Developed a ML model to classify underwater objects as rock or mine using SONAR data, enhancing safety in submarines and underwater exploration.	

CERTIFICATIONS

<ul style="list-style-type: none">Learning C LinkedIn Learning	Nov 2022 – Jan 2023
<ul style="list-style-type: none">Data Structures and Algorithm Using C++ LinkedIn Learning	Mar 2023 – May 2023
<ul style="list-style-type: none">Python YouTube	Jun 2023 – Aug 2023
<ul style="list-style-type: none">MongoDB Online Course (MongoDB)	Jun 2024 – Now
<ul style="list-style-type: none">Python for Data Science Coursera	Apr 2024 – Now

PATENTS

RECOGNI MEMORY COMPANION: Application No.: 202441032070 A

Is an innovative system designed to enhance memory assistance. It utilizes advanced technology for real-time memory support, ensuring efficient recall and information management to improve cognitive functions and daily activities.

ACHIEVEMENTS & PARTICIPATION

- Hackathons:** Contributed to the exploration of innovation in the medical field by securing **3rd place** in the **Medcours Hackathon** held at **IIT Madras**
- Coding Contest:** Actively participated in coding contests on platforms such as [LeetCode](#) and [CodeChef](#)
- Workshop:** Attended workshops on **Data Science and Machine Learning** conducted at PSG Tech.