

GREENA MARIA RAJAN

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PROGRAMMING LANGUAGES

Python, C, C++, Java

Enthusiastic and detail-oriented Computer Science student with a strong foundation in programming, machine learning, and system design. Skilled in developing scalable tools and applications, with experience in computer networking. Passionate about solving real-world problems through technology and eager to contribute to dynamic teams while continuing to learn and grow.

EDUCATION

B.Tech in Computer Science and Engineering

JUNE 2022-MAY 2026

Adi Shankara Institute of Engineering and Technology

CGPA (Up to Current Semester): 8.00

Higher Secondary

JUNE 2020-MAY 2022

Don Bosco HSS, Irinjalakuda

Percentage: 95.1%

PROJECTS

AI-Powered Speech Analysis Tool for Speech Therapists

Jan 2025 – Mar 2025

- Developed a Django-based web application to assist therapists in diagnosing disorders like dysarthria.
- Implemented real-time audio capture and MFCC extraction using Librosa.
- Built a Random Forest model (98% accuracy) and integrated Scikit-learn for classification.
- Visualized audio features using Matplotlib; deployed a responsive, secure clinical interface.

Presented at: ICMBRE – April 4, 2025

INTERNSHIPS

Python Development Intern – Zoople Technologies, Kochi

July 2024

Explored advanced Python programming and Django web framework development.

C++ Intern – WeCode Life, Kochi

May 2023

Strengthened core C/C++ programming concepts through hands-on exercises and learning modules

CERTIFICATES

- Wheeled Mobile Robots- NPTEL
- Foundations on UX Design- Google, Coursera
- Start the UX Design Process- Google Coursera
- Introduction on Artificial Intelligence

SKILLS

- Languages: Python, C, C++, Java
- Web/Frameworks: HTML, CSS, JavaScript, Django
- Tools & Platforms: Git, GitHub, VS Code
- Databases: MySQL, SQLite
- Concepts: Machine Learning, TCP/IP, Networking
- OS: Linux, Windows

LEADERSHIP & ACTIVITIES

Co-Program Lead, Game Development Club – ASIET

Nov 2023 – March 2025

- Organized workshops (e.g., Unity) and technical activities promoting game dev skills.