

NIYATHA V S

Profile

Computer science student proficient in C and Python with a strong interest in software development and machine learning. Skilled at multitasking, critical thinking, creative problem solving, with proven leadership skills. Eager to contribute to innovative projects while continuously learning new tools and technologies.

Experience

- Tech Lead, TinkerHub RSET | 2023
- Mentor, Portfolio 101 Event, TinkerHub RSET | 2023
- Organizer, IEDC Summit | 2023
- Member, Finance Committee, Abhiyanthriki | 2023
- Organizer, Tink-her-hack Hackathon | 2024
- Treasurer, RSET CSI | 2024

Projects

- **Library Management System | 2023**

Implemented using Python and MySQL, the project included features such as user authentication, feature for the librarian to issue books and view the list of currently available books and for the book sellers to see their current stock.

- **Feature extraction for Epileptic Seizure detection from EEG Signals | 2024**

Implemented using Python, includes feature extraction for automatic seizure identification. Consists of a Python GUI as an interface for the doctors to visualize the edf files, the brain waves based on the electrodes selected, and feature to highlight the time period of the ictal stage.

- **Portfolio website | 2023**

A minimalistic personal portfolio website developed using HTML, CSS and Javascript

- **Blog app using Django | 2024**

Implemented using Django and Bootstrap, the website provides features for user authentication, making posts and commenting in on existing posts.

- **Memory game using Javascript | 2023**

Interactive memory game using HTML, CSS, and JavaScript, featuring dynamic card generation, click events for card flipping, match detection with moves tracking.

- **Rock Paper Scissors game using HTML,CSS, Javascript | 2023**


Includes icon-based gameplay, dynamic scoreboard, autoplay option, and improved UI/UX for an immersive experience.

Certifications

- **Web Application Development Using HTML5**
Department of CSE, RSET | 2023
- **Introduction to Prompt Engineering Using Generative AI**
LinkedIn Learning | 2024
- **Introduction to Cybersecurity Tools & Cyberattacks**
IBM & Coursera | 2024
- **Research paper published:** "Epileptic Seizure Localization from EEG Signals" - COMPUTER RESEARCH AND DEVELOPMENT (ISSN NO:1000-1239) VOLUME 24 ISSUE 9 2024

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Github:

<https://github.com/NiyathaVS>

Education

Rajagiri School of Engineering and Technology | Kochi
BTech.Computer Science and Engineering with Hons.

2021 – present

CGPA – 9.18

Chinmaya Vidyalaya | Kolazhy

CBSE | 12th graduate | 2019

90.8%

Chinmaya Vidyalaya | Kolazhy

CBSE | 10th graduate | 2017

95%

Technical Skills

Programming Languages:

C, Java, Python

Web Development:

HTML, CSS, JavaScript

Databases:

MySQL, Oracle

Tools & Technologies:

Figma, Adobe Photoshop,
Microsoft Office, Adobe Lightroom,
Canva

Soft Skills

- Strong multitasking and time management
- Effective communication and teamwork
- Leadership and organizational skills
- Creative problem-solving and interpersonal skills