

Rushitha Reddy P

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| Subjects/Electives | Computer Networks, Data Structures and Algorithms, Java Programming, Python, app development (android studio), soft skills communication, business management, ethics and human values |
| Technical Proficiency | Java, HTML, Cisco Packet Tracer, Python, My SQL Lite |

PROJECTS

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| Full-Stack Website | * **ADVANCEMENTS IN BRAIN TUMOUR PREDICTION**   (Jan 2024 –May 2024)  -Description**:** "Developed and implemented advanced AI models for brain tumor prediction, leveraging machine learning and deep learning techniques. Utilized convolutional neural networks (CNNs) and other state-of-the-art algorithms to enhance diagnostic accuracy, enabling early detection and personalized treatment plans.  Successfully integrated data from various imaging modalities, improving model performance and contributing to significant advancements in medical AI research." This highlights your involvement in cutting-edge AI technology and its application in healthcare, specifically in the prediction and diagnosis of brain tumours.  - Technology: Python, CNN, Resnet 50 |
| Full-Stack Website | * **CLASSIFICATION OF COVID-19 FROM PNEUMONIA AND TUBERCULOSIS BY USING DEEP LEARNING TECHNIQUES**   (Aug 2023 – Nov 2023)  -Description: "Designed and deployed deep learning models to accurately classify COVID-19 from pneumonia and tuberculosis using chest X-ray and CT scan images. Leveraged convolutional neural networks (CNNs) and transfer learning techniques to enhance model accuracy and robustness. Developed a multi-class classification system that achieved high precision and recall rates, contributing to faster and more reliable diagnostics in a clinical setting."  This emphasizes your expertise in applying deep learning techniques to solve complex medical imaging challenges, highlighting your contributions to improving diagnostic processes.  DATASETS[:https://www.kaggle.com/datasets/jtiptj/chest-xray-](https://www.kaggle.com/datasets/jtiptj/chest-xray-pneumoniacovid19tuberculosis/?select=test) [pneumoniacovid19tuberculosis/?select=test](https://www.kaggle.com/datasets/jtiptj/chest-xray-pneumoniacovid19tuberculosis/?select=test)  - Technology: Python, CNN |

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| Full stack website | * **BETTER HEALTH**   (dec 2024 -april 2025)  BetterHealth is a full-stack web application designed to streamline healthcare services, offering a seamless experience for patients and administrators. It enables users to register, book appointments, and manage medical records, while administrators can oversee schedules and patient data. Built with React.js on the front-end, it delivers a dynamic, responsive user interface, ensuring accessibility across devices. The back-end, powered by Node.js with Express, handles server-side logic, APIs, and secure data processing, integrated with a database like MongoDB for efficient storage and retrieval. Features like appointment scheduling and notifications make BetterHealth a robust healthcare solution, showcasing the power of a React.js and Node.js full-stack architecture.  Github link - <https://github.com/Rushitha2022/BETTERHEALTH> |
| MERN full stack website | **SONORE – A MUSIC STREAMING WEBSITE**  (Jan 2025 – may 2025)  Sonore is a full-stack music streaming platform built with the MERN stack (MongoDB, Express.js, React.js, Node.js). It offers users seamless music playback, playlist creation, and personalized recommendations. The responsive React.js front-end ensures an engaging interface, while the Node.js and Express.js back-end, paired with MongoDB, manages data and streaming efficiently.  Github link- <https://github.com/Rohan-Gautam/Sonore-Music-Streaming-> |

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| POSITION OF RESPONSIBILITY |
| **Student coordinator for Telugu club** (oct 2023 – till date)   * Engaged with students to gather valuable feedback while managing and organising events. * Effective management of social media platforms for the club, ensuring consistent branding and driving engagement. |

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| EXTRA CURRICULAR ACTIVITIES |
| * Team Lead for Telugu club * Organized Events for Health o tech club * NSS social awareness drives (Tree plantation drive) |

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| CERTIFICATION | CERTIFYING AUTHORITY | DATE OF COMPLETION |
| HTML, CSS, Java script for web developers Link-  https://coursera.org/share/423f4277891ff90aa57253448a0e9052 | COURSERA | December 2023 |
| SQL BASICS- Certificate of Completion  Link-https://[www.hackerrank.com/certificates/7df772a19701](http://www.hackerrank.com/certificates/7df772a19701) | HACKERANK | August 2024 |