Rohan Sony

 My_portfolio   linkedin.com/in/RohanSony   rohansony2005@gmail.c

Education

Govt. Model Engineering College   Sept 2023 - Present
B.Tech in Electronics and Comunication Engineering   *Kochi, Kerala*

St Antony's Public School (SAPS)   June 2021 - March 2023
Higher Secondary School   *Kanjirapally, Kerala*

St Antony's Public School (SAPS)   June 2011 - March 2021
Primary and Middle School   *Kanjirapally, Kerala*

Relevant Coursework

May. 2024

- Logic Circuit Design
- DBMS
- Programming in C and Python
- Algorithms
- Professional Communication

Skills

Languages: C/C++, Python, Java, JavaScript/TypeScript, HTML/CSS, LaTeX

Libraries: pandas, NumPy, Matplotlib

Projects

SCHOOL ADMINISTRATION PROGRAM / *Python,MySQL,Idle,VS Code*   February 2023
- Secure User Management (Python MySQL): Creates dedicated accounts with access control for teachers using Python. Subject teachers edit marks in their subjects through the Python program, updating a MySQL database. Class teachers view all marks and generate reports via the interface. The principal has full system access for complete oversight.
- Facilitates mark entry and retrieval: Subject teachers can efficiently manage student marks within their respective subjects. Class teachers can access a unified view of all student marks for comprehensive reports.
- Streamlines report generation: Class teachers can leverage the system to generate report cards for their students, saving time and effort.
- Solved problems relating to asynchronous tasks

Personal PortFolio / *HTML, CSS, JS, API , VScode*   April. 2024
- Developed a personal portfolio website showcasing my skills and experience.
- Utilized HTML for structure, CSS for styling, and JavaScript for interactive elements.
- Integrated an external API to enable visitors to send me emails directly through a contact form on the website.

Achievements

PEGASUS 2.0   October 2023

Finalists   *Team Event*

- Led development of a wearable computer vision system (OpenCV, machine learning) for real-time text reading assistance for the visually impaired. Trained object detection models and implemented Tesseract OCR for text-to-speech conversion, improving accessibility.

WINWITHAI   February 2024

Finalists   *Team Event*

- Led a team to the final stage of an AI competition, utilizing a diverse set of open-source libraries to tackle complex tasks efficiently. Our approach involved leveraging transfer learning with pre-trained models to achieve competitive results

IBM-CSRBOX

Successfully completed 6 weeks of the IBM SkillsBuild Summer Internship Program with CSRBOX on Data Analytics hosted from 4th June 2024 to 5th August 2024.