Milan Abraham Thomas

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https://github.com/milan721

EDUCATION

Mangalam College Of Engineering	Ettumanoor, Kerala
Computer Science And Engineering	*2021 – 2025*
Good Shepherd Public School	Thengana,Kerala
BioMaths	*2019 – 2021*
Indian School Al-Ain	Al-Ain,UAE
CBSE	*2019*

EXPERIENCE

Pursuing Undergraduate in Computer Science and Engineering   November 2021 – Present
Mangalam College of Engineering   *Ettumanoor, Kerala*

- Developed an Inventory Management System to to streamline the process of inventory control, from procurement to storage and from sales to replenishment.
- Developed an IoT based Landslide Detection System along with a Web application that detects the occurrence of landslides for effective disaster preparedness and response, ultimately reducing the impact of landslides on vulnerable populations.

INTERNSHIP EXPERIENCE

Python and ML Intern   May, 2023
Revertech IT Solutions   *Kochi,Kerala*

- Learned Python and Machine Learning techniques during the internship.
- Gained hands-on experience in ML algorithms and Python programming.

Internship on Python   December, 2024
Facein Technologies Pvt Ltd.   *Kottayam, Kerala*

- Worked on assignments and completed the project successfully and on time.
- Gained hands-on experience in Python programming and related tools.

PROFESSIONAL DEVELOPMENT

Artificial Intelligence with Python   April, 2024
Techmaghi, Mangalam College of Engineering   *Kottayam, Kerala*
Participated in a workshop focusing on Artificial Intelligence with Python and Data Structures.

Git, GitHub, and Version Control Workshop   August, 2024
IEEE Computer Society, Mangalam College of Engineering   *Ettumanoor, Kerala*
Participated in a workshop on Git, GitHub, and version control techniques.

Galactic Problem Solver   October, 2024
NASA International Space Apps Challenge
Recognized for participation and efforts to address challenges faced on Earth and in space during the global hackathon event organized by NASA.

PROJECTS

Inventory Management System (Mini - Project) | *Reactjs, JavaScript, HTML/CSS,*   April, 2024

- Developed an Inventory Management System to streamline the process of inventory control, from procurement to storage and from sales to replenishment.
- Ensured system reliability and real-time performance for effective inventory management management.

IoT Based Landslide Detection (Main - Project) | *Python, Flask, HTML/CSS, JavaScript*   March, 2025

- Developed an IoT based Landslide Detection System along with a Web application that detects the occurrence of landslides for effective disaster preparedness and response, ultimately reducing the impact of landslides on vulnerable populations.
- Integrated a developer panel for monitoring sensor data and system performance.
- Sensors provide real-time monitoring of specific locations, delivering immediate data on ground movement and other critical parameters to effectively assess the risk of landslides.

F1 Telemetry Analysis (Personal - Project) | *Python, Flask, JavaScript, HTML/CSS,* Dec, 2024
- Allows users to view and analyze F1 lap times, positions, car telemetry, session results etc of different drivers and teams.

Technical Skills

Languages: Python, C, HTML/CSS, Java, JavaScript.
Developer Tools: Git, VS Code, Figma.
Digital Arts: Blender, Spline, Krita, Adobe Photoshop, IFS renderer.