Thomas John

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Education

Rajagiri School of Engineering and Technology　　　　　　　　　　Nov. 2021 – May 2025
Bachelor of Technology in Computer Science and Engineering (Honors in AI and Machine Learning)　　*Ernakulam, Kerala*

- CGPA: 9.42 (up to current semester)
- Attained an S rank in all mathematical subjects.
- Elected Student Council Representative (2025 Batch) during 2nd Year.

Devagiri CMI Public School　　　　　　　　　　　　　　　　May 2019 – May 2021
Higher Secondary School in Computer Science (CBSE)　　　　　　　　　　*Kozhikode, Kerala*

- Percentage: 98.6%
- Graduated as the second topper of the batch.

St. Mary's EM School　　　　　　　　　　　　　　　　　　May 2008 – May 2019
High School (ICSE)　　　　　　　　　　　　　　　　　　　　*Kozhikode, Kerala*

- Percentage: 96.4%
- Graduated as the second topper in the school.

Certifications

Introduction to Machine Learning: NPTEL

Python Basics: HackerRank

Problem Solving Intermediate: HackerRank

Relevant Coursework

- Data Structures
- Algorithms Analysis
- Artificial Intelligence
- Systems Programming
- Compiler Design
- Database Management
- Operating Systems
- Computer Architecture

Experience

OpSyCon Services LLP　　　　　　　　　　　　　　　　　July 2024 – Present
Software Engineer Intern (Remote)

- Actively participated in developing a client-specific product tool, contributing to about 40% of the project's progress.
- Led the creation of the entire front-end and significant back-end components, enhancing the tool's functionality and user experience.
- Collaborated closely with the development team, promoting a teamwork-focused and communicative environment.
- Employed problem-solving abilities to overcome obstacles, ensuring project milestones were achieved.

Projects

EDU-AI | *Flask, HTML, CSS, JS, MySQL, Random Forest Classifier*　　　April 2024 – June 2024

- Developed an adaptive learning platform to deliver tailored educational materials by analyzing Myers-Briggs traits.
- Implemented a Random Forest Classifier to predict individual learning styles and personalize user experience.

Restaurant Food Ordering System | *Python, MySQL, Tkinter*　　　March 2024 – May 2024

- Led a team of 4 developers in designing and developing a restaurant management system.
- Developed a user-friendly UI using Tkinter for a seamless ordering experience.
- Integrated functionalities for payment via Gpay or cash payment at the counter.
- Enabled users to select food items from the menu and proceed to checkout to receive their order and pay.

Technical Skills

Programming Languages: Python, Java, C, C++ HTML/CSS, JavaScript, MYSQL, SQLite

Developer Tools: VS Code, Google Collab, GIT

Technology/Frameworks: FastAPI, Flask, React JS