Alphy Jose

+91 9744036696 | alphyjose012@gmail.com | LinkedIn | GitHub

Profile

A Computer Science and Engineering graduate with skills in **Python, HTML, CSS, JavaScript, and Bootstrap**. I'm passionate about leveraging technology to create effective solutions and am known for my **analytical mindset, transparency, and collaborative spirit**. Eager to contribute to a dynamic team and grow within the tech industry.

Projects

CHRISTNET – ACC | JAN 2023 - MAR 2023
- Designed and developed a responsive and user-friendly platform with mail id validation to support community needs.
- Demonstrated skills in web development, collaboration, and effective problem-solving.
- **Technologies used: HTML, CSS, Bootstrap, and JavaScript**.

FOREST MONITORING SYSTEM | FEB 2024 - MAR 2024
- Developed an IoT-based Forest Monitoring System equipped with sensors for temperature, humidity, and fire detection.
- Enabled real-time alerts to enhance environmental monitoring and rapid response and demonstrated expertise in IoT.
- **Technologies used: Arduino IDE, Blynk and Multiple Sensors.**

Proxy Re-Encrypted Key for AES Encryption Model | Final Year Project
- Built a secure proxy re-encryption system using Flask, ElGamal cryptography, and SQLite, enabling encrypted message exchange with delegated decryption.
- Designed and developed RESTful APIs for user authentication, key management, and encrypted communication.
- Implemented a frontend interface (HTML, CSS, JS) for registration, login, and messaging, fully integrated with the backend.
- Applied secure password hashing using bcrypt and ensured safe key handling and session management.
- **Technologies used: HTML, CSS, JavaScript, SQLite, Python.**

Experience

PYTHON DEVELOPMENT INTERN | HDLC TECHNOLOGIES. | 02 MAY 2023 – 30 JUN 2023
- Underwent training for month to learn python and frameworks like tkinter and streamlit.
- Developed a secure password generator using Python and Tkinter, enhancing user data protection.
- **Technologies used: Python, Streamlit and Tkinter**.

FRONTEND WEB DEVELOPMENT INTERN | OCTANET SERVICES PVT. LTD. | 01 MAY 2024 – 30 MAY 2024
- Developed landing pages and to-do list frontend as per the company requirements
- Enhanced design skills and implemented responsive, user-friendly interfaces.
- Gained experience in project management and strengthened problem-solving abilities for future projects.
- **Technologies used: HTML, CSS, and JavaScript**.

FREELANCE WEB DEVELOPER | INDBRITZ CONSULTANCY | APR 2024 – MAY 2024
- Developed a responsive static website remotely for a consultancy agency located at Australia.
- Implemented responsive design principles for company landing pages, resulting in seamless user experience across various devices and screen sizes.
- Redesigned the company logo using Canva to align with client specifications.
- Demonstrated strong web development, design, and client collaboration skills.
- **Technologies used: HTML, CSS, JavaScript, Canva, and Firebase**.

APPRENTICE TRAINEE | Indian Institute of Information Technology (IIIT, Kottayam) | JULY 2025 – AUGUST 2025
- Set up and configured computers for laboratory use.
- Worked on network tasks such as crimping cables and punching ports for connectivity.
- Assisted in troubleshooting hardware and software issues to ensure smooth operations.
- Provided technical support to faculty members and office staff.
- **Technologies used: Computer hardware setup, Network cabling, Peripheral installation, Troubleshooting.**

Education

CHRIST (DEEMED TO BE UNIVERSITY), BANGALORE | JUN 2021 – MAY 2025

· B.Tech in Computer Science and Engineering – 7.65 CGPA

HOLY CROSS HIGHER SECONDARY SCHOOL, KOTTAYAM | JUN 2019 – MARCH 2021

· Bio-Science – 90.75%

Certifications

· Project Management – NPTEL (MAY 2024)
· Introduction to Cloud Computing – Cognitive Class (June 2024)
· Introduction to Cyber Security – CISCO (September 2022)
· Python for Data Science – IBM (September 2025)

Volunteering

· Liturgy Head – Association of Christian Christites (ACC) | 2023-2024
· Web Master – IEEE Vehicular Technology Society (IEEE VTS SB - CU) | 2024 -2025
· Club Head –Association of Students of Computer Science and Information Technology with Innovation(ASCII) |2023 -2024