

ALEXANDRA ALIYAS

Computer Engineering Graduate

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PROFESSIONAL EXPERIENCE

TECHNICAL INTERNSHIP Student Intern 2021

Reverttech IT Solutions
October 2021-December

- Developed and tested Python scripts to automate data processing tasks.
- Assisted in designing and implementing a MongoDB database schema, ensuring optimal data organization and retrieval.
- Created a Flask-based web application, contributing to the project's successful deployment and user interface enhancements.

Selected Project Experience

- **Bank Database Management Project**
 - Enabled efficient handling of the bank's database. Implemented robust database operations and functionalities to manage customer accounts, transactions, and other banking operations seamlessly. Ensured data integrity and security while providing a user-friendly interface for easy navigation and access.
- **Developed a micro-project of an online bookstore**
 - This project lets users to browse and purchase books online. Implemented database functionalities for efficient book inventory management and seamless order processing. Developed an intuitive user interface for a smooth and engaging shopping experience.
- **Developed a Faculty Feedback Form Using Java**
 - Designed and implemented a Faculty Feedback Form using Java to gather valuable insights from students about their learning experience. Developed an interactive and user-friendly interface that allowed students to provide feedback on faculty performance, course content, and overall teaching quality. Utilized data handling techniques to store and analyze feedback for continuous improvement of the educational process.
- **Music Recommender with heartbeat analysis**
 - This project curates playlists based on users' physiological responses. Leveraged interdisciplinary expertise to lead application design sessions with various client teams across 20+ projects, eliciting technical requirements and ensuring seamless project execution. Demonstrated strong communication and collaboration skills to bridge the gap between technical and non-technical stakeholders.
- **Cyber-Attack detection for Industrial Automation Using CNN**
 - This project explores the effectiveness of using CNNs for detecting cyber-attacks in industrial automation systems and to evaluate their performance compared to other existing methods.

SKILLS

- Team Leadership
- Active Listener
- Creative Problem Solver
- Expert Task Delegation

- Excellent Communication
- Organized & Detail-Oriented
- **Programming Language Proficiency**
 - Proficient in C, C++, Java, Python, and SQL for database management.
- **Web Development Skills**
 - Experienced in HTML, CSS, and JavaScript, with the ability to create engaging and user-friendly web interfaces.

EDUCATION

FEDERAL INSTITUTE OF SCIENCE AND TECHNOLOGY(FISAT)
Bachelor Of Technology(BTech)

ANGAMALY, KERALA
2019 - 2023

KENDRIYA VIDYALAYA
Senior Secondary Education

PUSHP VIHAR, NEW DELHI
2018 - 2019

VOLUNTEERING AND WORKSHOP EXPERIENCE

- Organizing Volunteer for Hackfit, a national level hackathon conducted in FISAT.
- Volunteered for a national level AICTE event for faculty training conducted in FISAT (2020)
- IEEE membership (2019-2020).
- Attended the tech smunnit, Hdvaya at Ragam'20 NIT Calicut.
- Attended a technical workshop by ICEFOSS at FISAT.
- Completed NPTEL course in Joy Of Computing Using Python

LINKS TO MY SOCIALS

- <http://www.linkedin.com/in/alexandra-aliyas>
- <https://github.com/AlexandraAliyas>
- <https://www.hackerrank.com/alexandraaliyas1>