NOEL ASIR JESUDAS JOSEPH ANDREW

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EDUCATION

2019 – 2023 | Sri Venkateswara College of Engineering
Bachelor of Engineering, Electrical and Electronics Engineering
CGPA: 7.54/10

INTERNSHIPS & INPLANT

Intern - Front-end Developer   **Mar 2023 - Present**
Sandeza   *Chennai, India*

An on-site internship where I learned to develop user interfaces using HTML, CSS, and JavaScript. I focused on creating accessible, responsive web pages and adding interactive features. Additionally, I tested and debugged front-end code for cross-browser compatibility. I utilized Git for version control and collaborated with other developers. Currently, I am working on developing a help desk ticketing system to streamline issue tracking and resolution.

Intern - Web Developer with PHP & MySQL Database   **Aug 2023 - Sept 2023**
Hawkscode   *Jaipur, India*

A remote internship where I learned how to use PHP and MySQL to create dynamic, interactive websites and web applications. I now know the fundamentals of web development and how to use server-side scripting and database management to create reliable online solutions thanks to this internship.

Intern - Embedded System Development with IoT   **Mar 2022**
NSIC   *Chennai, India*

A hybrid internship where I learned how to design and develop embedded systems, gaining hands-on expertise in hardware and software integration. Moreover, I have acquired the knowledge and skills to seamlessly incorporate IoT technologies into these systems, enabling you to create smart, interconnected devices for real-world applications.

Inplant - North Chennai Thermal power plant – Stage I   **Apr 2022**
TNEB   *Chennai, India*

During the in-plant training, I learned about the basic workings of boilers, turbines, and generators, among other power generation processes and obtained knowledge of environmental compliance requirements as well as safety procedures in the power producing sector.

CERTIFICATIONS

- Introduction to Microsoft Excel - Coursera
- Business Analysis and Process Management - Coursera
- Azure Fundamentals - Microsoft
- Data Visualisation - Tata Forage
- Project Work Completion - TANGEDCO
- E – Vehicle Concepts - TATTI

- Tableau Basics - CareerNinja
- Python Basics - CareerNinja

PROJECT

Closed Loop Control for Electro Chlorination Plant Using Pic Microcontroller
- Implemented a closed-loop PIC microcontroller system for an electro-chlorination plant at a thermal power station with 2 x 660 MW units.
- Automated measurement and regulation of sodium hypochlorite content, enhancing operational efficiency and accuracy.
- Utilized Proteus program for simulation and successfully completed the functioning mode prototype.

Help Desk Ticketing System (Sandeza)
- Developing a help desk ticketing system at Sandeza to streamline issue tracking and resolution processes.
- Utilizing HTML, CSS, JavaScript, and Git for version control and collaboration.
- Ensuring the system is user-friendly, efficient, and scalable to meet the organization's needs.

SKILLS

TECHNICAL SKILLS:

Programming:
- C, C++, Python, HTML, CSS, JavaScript, Express JS, Node JS, MongoDB, PHP

Tools:
- MATLAB, PSPICE, Git, Microsoft Excel, MySQL

SOFT SKILLS:
- Time Management, Communication, Creativity, Leadership, Teamwork

VOLUNTEER EXPERIENCE

Youth Red Cross (YRC) Foundation *Aug 2019 - Present*
As a YRC volunteer, I was involved in the blood donation services, hospital services, and other health-related activities. We conducted a variety of fire and electrical safety awareness programs and an awareness program on dengue fever its causes and prevention methods.

St. Thomas Youth Association *Jun 2018 - Present*
As a volunteer for my church's youth group. We have a lot of things planned, like Bible Sundays, Sunday classes and Charitable service for young and the underprivileged. While planning events and activities is important, the association's basic concept recognizes that creating a sense of community and shared values among our multicultural youth group is even more important.

ACHIVEMENTS

Music - Soprano recorder
- Trinity College London: Initial, Grades 1-3 with Merit, Grade 4.
- Competed and performed for/with St. Michaels Academy band.

Music – Drum Kit
- Trinity College London: Initial, Grades 1-3 with Merit, Grade 4.
- Competed and performed for/with Roy's Music Academy.

Sports – Cricket
- Represented YMCA Cricket Academy and St. Michaels Academy in various age categories.