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 - Embedded System Development with IoT   **Mar 2022 - Apr 2022**
NSIC   *Chennai, India*
A remote 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.

Intern - Web Developer with PHP & MySQL Database   **Aug 2022 - Sept 2022**
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.

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

PROJECT

Closed Loop Control for Electro Chlorination Plant Using Pic Microcontroller

- The main objective of the proposed system is to install a closed-loop PIC micro controller for the electro-chlorination plant at a thermal power station with 2 x 660 MW units.

- This procedure has allowed for the automatic measurement and regulation of the sodium hypo chlorite content.
- To simulate, Proteus program was utilized. Additionally, the functioning mode prototype was successfully completed.

SKILLS

TECHNICAL SKILLS: C, C++, Python MATLAB, PSPICE, Microsoft Excel

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 – Completed Initial Recorder with Merit.
- Trinity College London - Completed Grade 1 Recorder with Merit.
- Trinity College London - Completed Grade 2 Recorder with Merit.
- Trinity College London - Completed Grade 3 Recorder with Merit.
- Trinity College London - Completed Grade 4 Recorder.
- Represented St. Michaels Academy in a number of inter- and intra-school competitions and was part of the school band.

Music – Drum Kit
- Trinity College London – Completed Initial Drum Kit with Merit.
- Trinity College London – Completed Grade 1 Drum Kit with Merit.
- Trinity College London – Completed Grade 2 Drum Kit with Distinction.
- Trinity College London – Completed Grade 3 Drum Kit.
- Represented the Roy's Music Academy in a number of musical competitions and performed in a number of public concerts as a lead drummer and a second drummer.

Sports – Cricket
- Represented the YMCA Cricket Academy and St. Michaels Academy in a range of age categories.