



Archie A. Apa

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EXPERIENCE

CREATION GULF

Dubai, United Arab Emirates

Senior Design and Support Engineer

August 2024 - Present

Leading provider of architectural lighting and automation solutions, coordinating across internal teams and external stakeholders to deliver tailored project requirements on time and within budget.

- Achieved consistent year-over-year growth in total delivered project value: +75% (2022), +100% (2023), and +30% (2024)
- Designed and delivered LEED certified projects for Masdar including dynamic lighting and control system for facade
- Facilitated team growth by sharing best practices and industry standards in lighting design, contributing to continuous learning and development
- Designed and implemented automated proposal templates using VB programming, significantly improving workflow speed and operational efficiency while maintaining a high level of accuracy

Design and Support Engineer

April 2021 - July 2024

- Aug 2023 - In collaboration with multiple stakeholders, oversaw the successful implementation of the lighting system for the BAPS Hindu Mandir Abu Dhabi, the first traditional Hindu stone temple in the Middle East.
- Feb 2023 - Led the specification, supply, and commissioning of lighting and controls for the interactive entertainment destination: Manchester City Challenge - Cityzen Code at Yas Mall, Abu Dhabi.
- Dec 2021 - Led technical teams in specifying, supplying, and installing lighting and control systems for the [UAE National Day \(ND50\)](#) event in Hatta, Dubai, achieving the "[Lighting Design of the Year](#)" award at Index Design Awards. Continued leadership in subsequent National Day events (ND51 in Dec 2022 and ND52 in Dec 2023) with consistent success in the same capacity.
- Aug 2021 - Oversaw the design and management of lighting systems for the LEED Platinum certified [Aldar Academies HQ](#) at Yas Mall, Abu Dhabi, aligning with client specifications and meeting the necessary requirements for LEED Platinum certification.
- Sep 2021 - Designed and delivered the lighting systems for Canadian University Dubai.
- Sep 2021 - Designed and delivered restaurant projects such as BUUR Restaurant at The Beach, Dubai and, Eat Greek and Tribes (May 2022) at Dubai Hills Mall.

SMART SELECT

Dubai, United Arab Emirates

Lighting Design and Estimation Engineer

July 2017 - March 2021

As a key member of Smart Select's LED and lighting team, I contribute to various aspects, including:

- Designing optimal lighting solutions for diverse applications, aligning with client needs and adhering to local and international standards (IES/EN/CIE).
- Handling project estimation, procurement, and quotation processes.
- Conducting architectural and technical lighting design, including Lux calculations.
- Preparing technical/commercial submittals.

Technical Engineer for TCI Brand (TCI Telecomunicazioni Italia S.r.l.)

December 2017 - March 2021

- Proposing technically compatible TCI products (Electronic drivers, LED modules, etc.) as per client's project requirements and specifications
- Preparing and assembling sample materials for both design-stage and retrofit projects
- Project estimation, and providing technical support to clients

About TCI:

With over 25 years in the global lighting market, TCI Group is a dynamic force dedicated to designing and implementing electronic systems for lighting projects. Leveraging extensive knowledge and capabilities, TCI collaborates with leading European OEMs, distributing products worldwide.

EDUCATION

TECHNOLOGICAL INSTITUTE OF THE

PHILIPPINES

Bachelor of Science in Electrical Engineering (ABET Accredited)

Graduated: October 2015 | Quezon City, PH

- **Relevant Coursework:** Design of 2MVA, 3-Phase, 34.5kV-460/230V Electrical Distribution System for Rosco Machine Shop and Steel Manufacturing Plant at Bagbaguin, Valenzuela City

Supervised and designed the whole project as the team leader including - but not limited to - client collaboration, trade-offs, engineering design, CAD, and presentation to the design panel, industry adviser, professional electrical engineer (PEE), and finally endorsing the design to the client.

LICENSE & CERTIFICATION

Registered Electrical Engineer (REE)

Professional Regulation Commission (PRC)

Manila, Philippines

Madrix Lighting Control

Procom Middle East - Audio & Lighting Systems

Dubai, United Arab Emirates

Electrical Power System Design for High Rise Building

Institute of Integrated Electrical Engineers of the Philippines

Quezon City, Philippines

[HarvardX: CS50's Introduction to Computer Science](#)

HarvardX

edX.org

SKILLS

TECHNICAL SKILLS

Electrical Systems Design • Lighting Systems Design • Power Systems • Instrumentation • AutoCAD • Revit • Bluebeam Revu • DiaLux Evo • MADRIX • Lumion • 3DS Max • Sketchup

SOFT SKILLS

Strong communicator • Public Speaking • Leader • Bilingual (English, Filipino) • Project Management

COMPUTER SKILLS

Graphics Design: Adobe Photoshop • After Effects • Illustrator • Indesign
IT: Computer hardware/software • Programming • Web design • Office Programs

PROFESSIONAL AFFILIATIONS

PROJECT MANAGEMENT INSTITUTE

(PMI)

Member since June 2019

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)

Member since June 2019

INSTITUTE OF INTEGRATED ELECTRICAL ENGINEERS OF THE PHILIPPINES (IIIE)

Regular member since September 2016

GREENS DUBAI TOASTMASTERS CLUB

Vice President - Education

Past: Vice President - Membership

Toastmasters International is a world leader in communication and leadership development.

Member since September 2016

CONTINUING EDUCATION

- Configure Instrumentation and Control Devices
Leading to Instrumentation and Control Servicing
NCII (Industrial Process Control)
- Illumination Engineering - Efficient Lighting
- Building Wiring and Safety
- Programmable Logic Control - Mechatronics

JOMSAR CONSTRUCTION AND DEVELOPMENT CORPORATION

Quezon City, Philippines

Engineering Estimator, QA/QC Intern

July 2014 - July 2015

JOMSAR Construction And Development Corporation is an electrical work company in Quezon City, Philippines. Reporting to the Head of Engineering Department and Project-In-Charge, managing a team of electricians and laborers.

My Main Responsibilities:

- (Office) Creates estimate reports as an electrical estimator for commercial projects in the Engineering Department
- (Site) Conducts field inspection based on industry standards as a QA/QC Engineer for the construction of Providence Hospital in Quezon Ave