



# 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 (C, Python, VBA) • 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