John Niel Silva

Electrical Engineer

Taguig City, Philippines +639157336561 engrjansilva26@gmail.com

Skills

- Data Center Operation
- Project Management
- AutoCAD Electrical
- Cost Estimation
- Electrical Wiring
- Electrical Troubleshooting
- Electrical Design
- UTP/FOC Cabling
- System Monitoring
- Facility Management (FM)
- Chiller Systems
- UPS Systems
- Power Systems
- Remote Troubleshooting

Education

- Technological University of the Philippines- Taguig

  Bachelor of Science in Electrical Engineering
  (2015-2018)

- Technological University of the Philippines- Taguig

  Electrical Technology
  (2012-2015)

Reference

- **Christopher M. Aguirre (Supervisor- ePLDT.)**
  09989606277

- **Engr. Vincent M. Testa (Assistant Manager- Outcomm Inc.)**
  09155818083

Licenses and Certification

- Licensed Electrical Engineer, Licensed Number : 0069869
- Licensed Master Electrician, Licensed Number : 0057388

Professional Experience

Associate Facilities Engineer III (June 1, 2022-Present)

- Immediate Supervisor: Christopher Aguirre
- Name of Organization and Location: ePLDT, Metro Manila
- List of Achievements
  - Power Provisioning of Racks Cabinet
- Summary of Actual Duties
  - Responsible in monitoring and inspecting the environmental conditions of a data center both power and cooling system to ensure they are operational and efficient, remote troubleshooting clients equipment, manually swapping/troubleshooting chiller, water pump, CRAC and other equipment. Designing client's equipment load requirements, And Power provisioning of clients rack.

Facilities Engineer (April 1,2021- June 1, 2022)

- Immediate Supervisor: Christopher Aguirre
- Name of Organization and Location: IP Converge Data Services, Metro Manila
- List of Achievements
  - Repainting of GENSET exhaust pipe 1-3
  - Retightening of ECB's Mechanical Lugs at All Chillers
  - Replacement of Motor Fan Bearing at Chiller 8
  - Replacement of Sensor at Chillers
  - Temperature and Airflow Reading of Racks at Module
  - PM of CRACS and Chillers
  - Power Provisioning of Rack Cabinets
  - Boring of Holes at Under Raised Floor
- Summary of Actual Duties
  - Responsible in monitoring and inspecting the environmental conditions of a data center both power and cooling system to ensure they are operational and efficient, remote troubleshooting clients equipment, manually swapping/troubleshooting chiller, pump,cracs and other equipment.
    Designing client's equipment load requirements, And Power provisioning of clients rack.

Seminars

- Uninterruptible Power Supply, UPS-Fundamentals, Technology, Configuration and Operation (June 30,2022)
- Basic Occupational Safety and Health (BOSH-SO2) - (January 23,24,30,31 & February 6, 2021)
- Inspecting Solar PV Systems for Code Compliance - (January 16,2021)
- Fire Detection and Alarm System - (October 29,2020)
- Electrical Preventive Maintenance for Commercial and Industrial Facilities - (August 9,2020)
- Electrical Protection Relay Principle -(August 6,2020)
- Arc Flash Hazard Risk Assessment: Changes from IEEE 1584-2002 to IEEE 1584-2018 -(August 2,2020)
- Green Technology & IP68 Underwater Electrical Connection Technology -(July 31,2020)

Electrical Engineer (February 4, 2019 – February 25, 2022)

- Immediate Supervisor: Vincent Testa
- Name of Organization and Location: Outcomm Inc, BGC,Metro Manila
- List of Achievements
    - Designed Electrical Plans and Supervising Project Mckinley LED Billboard
    -
- Summary of Actual Duties

    - Responsible in designing electrical plans of proposed project, inspection different billboard sites to ensure power is operating normally and meets load requirements. Preparing cost estimation of electrical materials of project, coordinating electrical concerns with Meralco, rendering technical drawings and electrical systems using Cad.

Electrical Site Engineer (October 2018 – February 2019)

- Duration: October 2018 – February 2019
- Immediate Supervisor: Dante Iglesia
- Name of Organization and Location: Voltage Electrical Contractor Corp.Taguig
- List of Achievements:
    - Testing and Commissioning of West Tower Veranda (Arca South)
- Summary of Actual Duties
    - Responsible in testing and commissioning of all electrical system in project. Used different types of electrical testing including megger testing, functionality testing and ground testing