

I. PERSONAL DATA

Name: Saleh, Elie, Ghostine
Snr. Electrical Engineer

Date Of Birth: March 03, 1983

Gender: Male

Marital Status: Married

Nationality: Lebanese

Address: Jdeideh – Beirut – Lebanon
Mastita – Jbeil – Lebanon

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II. EDUCATION

- MASTERS IN ELECTRICAL ENGINEERING / MINOR ENGINEERING MANAGEMENT – 2010 – University of Balamand – Koura – Lebanon
- BS PHYSICS AND ELECTRONICS – 2008
Lebanese University – Faculty of Sciences II – Fanar – Lebanon

III. MEMBERSHIP/CERTIFICATIONS IN PROFESSIONAL ASSOCIATIONS:

- Member of the order of engineers in Lebanon – Tripoli syndicate – 2011
- Mechanical Engineering Design Services EduDMG – Lebanon February 2017
- Certified Energy Auditor – Association of Energy Engineers – August 2023

IV. RELEVANT TRAININGS:

- High voltage cable design, installation and maintenance – Prysmian, Lebanon – December 2018
- High Voltage Cables fault, VLF Testing and cable Diagnosis TDR – BAUR systems, Lebanon – July 2018
- HV Gas Insulated Switchgears 220kV Substations – Matelec, Lebanon – March 2017
- High Voltage Substations Reinforcement Works – Matelec, Lebanon – October 2016
- Electrical Installations – High Voltage Installation and Protection – Apave, Lebanon – May 2015

V. PROFESSIONAL SKILLS AND TECHNICAL CAPABILITIES:

- Design of Solar Photovoltaic Systems, Solar Hot Water Systems. Secure necessary permits and approvals from local authorities for the previous mentioned systems. Project Energy Auditing, load calculations, Shading Study, Project planning program, Design of Electrical and Steel Structure drawings, PVsyst Software implementation for precise cost optimization and efficient Production, Testing and Commissioning, End-User training.
- Tender Documents Preparation, Design review of drawings and compliance with technical specifications, Payments and method statements review, Procurement, Reception of material in manufactures FAT, Materials inspection and treatment of non-conformities and reporting, Supervising and controlling contractors' electrical installation works, Monitoring the progress work, testing and commissioning.
- Preparation of comprehensive electrical and mechanical design drawings with BOQ and specifications up to internationally agreed norms and standards.
- Preparation of electrical shop drawings with work schedule, material specifications/data sheets, and verification of conformity with the design specifications ensuring accuracy and compliance.
- Site control and coordination with various engineering fields and contractors to ensure information is communicated to all on site. Preparation of the time schedules for the execution works and the arrangements regarding the proper delivery of equipment to the installation sites.
- Preparation of an updated database in the market of EE/RE (products and prices), Providing an easy process in selecting beneficiaries, evaluating applications, and on-site validating data and information.
- Site inspection to maintain secure and professional performance, conformity to the specifications of the design instructions, and work compliance with relevant engineering standards and codes for a perfect handing-over.

- Follow-up on-site executions, ensuring the provision of complete listings of installed equipment per site, preparation of site logs, acceptance reports, change orders, documentation of site condition, safety, quality assurance, and control.
- Controlling engineering works particularly the quality of works, safety and environmental aspects, and compliance with the contract.
- Site reporting, solving daily site problems and claims of contractors to avoid site work delays affecting the work progress.
- Monitor site planning schedules, analyze potential or occurring constraints/delays, and oversee the implementation of remedial measures, including extending assistance to contractors to reschedule priorities.
- Supervise technical testing, in particular, the performance testing of installations and coordinate hand-over arrangements; monitor data collection including data management and analysis.
- Preparation of the commissioning and progress reports to ensure accuracy and adherence to project timelines.

VI. SOFTWARE SKILLS:

- Engineering software: Proficiency in AutoCAD, Adobe Acrobat Pro, Adobe photoshop, Dialux.
- Proficient in standard Microsoft office suite: (word, excel, power point)
- Project management software: Microsoft office project
- PV (photovoltaic software): PVsyst, Helioscope
- Google workspace

VII. LANGUAGES:

- Arabic: Native Proficiency (Mother Tongue)
- English: Full Professional Proficiency
- French: Professional Working Proficiency

VIII. EMPLOYMENT RECORDS:

- October 2025 – Present
UN Habitat – Beirut – Lebanon
Senior MEP Consultant
- November 2024 – August 2025
UNDP – Beirut – Lebanon
BSO – Electrical Site Engineer
- October 2021 – October 2024
Heap-Global – Jeita – Lebanon
Senior Electrical Site Engineer
- March 2020 – March 2021
NAMES SAL – Antelias –Lebanon
Senior Electrical Site Engineer
- May 2019 – June 2020
World Bank Outsourced Engineer – Ministry of Energy & Water –
Beirut – Lebanon
Senior Electrical Project Engineer
- January 2014 – April 2019
Needs Outsourced Engineer – Ministry of Energy & Water – Beirut –
Lebanon
Senior Electrical Project Engineer
- July 2011 – December 2013
Rafik El Khoury and Partners, RELK – Beirut – Lebanon
Electrical Engineer
- October 2008 – June 2011
Services Design Technology, SDT – Beirut – Lebanon
Undergraduate Electrical Engineer

IX. PROJECTS/TASKS ASSIGNED:

➤ Renewable Projects:

- Qalamoun School – Qalamoun – Lebanon
Supervision of Hybrid Solar System, 21Kwp solar + 2*20Kw + 40Kwh storage
- Qobayat School – Qobayat – Lebanon
Supervision of Hybrid Solar System, 31Kwp solar + 1*30Kw + 50Kwh storage
- Soueiriy High School – Soueiriy – Lebanon
Supervision of Hybrid Solar System, 39Kwp solar + 1*40Kw + 70Kwh storage
- KARAM Group – Kfifan – Lebanon
Design and Supervision of On-grid Solar System, 180Kwp solar + 1*125Kw + 1*50KW
- Villa William Boutros – Kfarhazir – Lebanon
Design and Supervision of Microgrid Solar System, 62Kwp solar + 1*50Kw PCS + 123 Kwh storage
- KARAM Group – Mrah El Ziyat – Lebanon
Design and Installation of Microgrid Solar System, 215Kwp solar + 2*50Kw PCS + 129Kwh storage

➤ MEP Site management Projects:

- Chabtine Sky Village – Batroun – Lebanon
- Portside Tower – Beirut – Lebanon
- Central Drug Warehouse – Quarantina – Lebanon
- Mega Prefab – Ashrafieh Headquarter
- Mega Prefab – Ain Ksour Villa
- Villa Hajjar – Shnaniir

- Electrical Site management Projects (Ministry of Energy & Water):
 - Substations Projects:
 - Construction of Ashrafieh Substation 220kv/MV/140MVA
 - Construction of Bahsas Substation 220kv/MV/140MVA
 - Expansion of Sour Substation 220kv/MV/70MVA
 - Expansion of Zahrani Substation 220kv/MV/70MVA
 - Expansion of Bsalim Substation 220kv/MV/70MVA
 - Expansion of Deir Amar Substation 220kv/MV/70MVA
 - Expansion of Zouk Substation 150kv/MV/70MVA

 - OHTL Projects:
 - Construction of 66kv OHTL connecting Deir Nbouh – Bared – Halba – Kobayat – Hermel
 - Construction of 66kv OHTL connecting Deir Nbouh – Baalbeck – Bednayel – Ksara
 - Construction of 66kv OHTL connecting Hermel – Laboue – Baalbeck

 - UGC Projects:
 - Installation of 220kv UGC connecting Aramoun – Dahieh
 - Installation of 220kv UGC connecting Dahieh – Horsh
 - Installation of 220kv UGC connecting Commercial – Ashrafieh
 - Installation of 220kv UGC connecting Ashrafieh – Mkalles

- Extensive involvement in electro-mechanical design and shop drawing projects