**LAKMAL**

**Location:** Dubai, United Arab Emirates

**E-mail:** lakmal-397476@gulfjobseeker.com

**Date of Birth:** November 11th1988

**Marital Status:** Married

**PROFESSIONAL SUMMARY**



Experienced Electrical & ELV project Engineer with the technical expertise and commitment to accurately design, evaluate and maintain Electrical & Extra Low Voltage systems with excellent organizational and team working skills. To use my education, experience and show my skills, thereby gain enough knowledge for better development mutually beneficial for myself and the organization as well.

**EXPERIENCE**



Hand on experience in following brands,

* CCTV – Honeywell (HUS), Hikvision, Bigrocks, Shany
* PA – Honeywell (X-618), InterM, Tkoko, TOA
* ACCESS CONTROL – Honeywell (Pro3000/Prowatch)
* IDS – Honeywell (VISTA series)
* MATV – Televes
* BMS – Distech Controls
* Tele,PABX – NEC
* DATA – 3M, Cisco
* GRMS – GVS
* Structured Cabling System – 3M, Schneider



**Project Engineer: September 2018 – February 201**

Projects executed:

* JAT 96 Residencies Building – Pita Kotte - DATA, WIFI, TELE, IPTV
* Morisons PLC - New Oral Solid & Oral Liquid Formulation Facility Building - Homagama – ELECTRICAL, DATA,

EACS, FIRE, LIGHTNING PROTECTION

* Hirdaramani - Maharagama Knit Center – ELEC, DATA, CCTV, PA

**Project Engineer: November 2013 – August 2018 - HAYLEYS Group – Fentons Limited** Some Major projects executed in Fentons:



* Labor Department New Building - EACS,CCTV,PA,VEHICLE BARRIER
* Ceylon Beverage Can Pvt Ltd – CCTV
* Sri Lanka Navy Sport Museum – CCTV
* Department Of Immigration & Emigration - CCTV
* Kothalawala Defense University Hospital - EACS
* Araliya Green City – Nuwareilya - CCTV,PA
* Marriott Hotel Resort & Spa – Weligama - CCTV,MATV,EACS,PA,IDS,LIFT ACCESS
* European Union – Delegation to Sri Lanka and Maldives - IDS, EACS,CCTV,UPS
* Co-operative hospital – Galle - CCTV,PA,MATV
* Lanka Hospital – Narahenpita - CCTV
* On320 Residencies – Union Place - MATV

**JOB PROFILE**



* Safety, security and ELV system design as per the requirement and site condition
* Detailed engineering and cost estimation and allocation
* Co-ordination with Client/ Consultant for approvals
* Responsible to convince the consultant/client for system design with industrial standard and their requirement
* Design detailing of ELV systems and structured cabling of ELV systems
* Co-ordination with other vendors
* Co-ordination with Client and consultant
* Preparation of procurement planning activities
* Preparing technical submittal and handing over documents.
* Testing and Commissioning completed ELV systems
* Negotiation of sub- contract works for supply and job works
* Total project planning and executing using SAP Business Suite 4 SAP HANA

**INDUSTRIAL TRAINING EXPERINCE**



**Engineering Intern: October 2012 – February 2013 - Illukkumbura Industrial Automation (Private) Limited**



* Supervising the Electrical Installation team of IIAL at Orion City Dematagoda (SASCON/ANTON) Construction sites)
* Lighting circuits Installation, Testing & Fault finding
* Analyzing & circuit correction of AutoCAD CIVIL/ELECTRICAL Drawings, Schematic Diagrams, Single Line Diagrams etc.
* Supervising of LV Installation in ATS, MSB, MDBs, DBs & LPs
* Supervising of Cable laddering, Trunking, Glanding & Lugging of 300mm2 Cu/XLPE/SWA/PVC Cables
* Labor handling & Team working

**Engineering Intern: April – September 2012 - Sri Lanka Telecom PLC (SLT)**



* Knowledge in Plesiochronous & Synchronous digital hierarchy (PDH/SDH) of SLT transmission.
* Optical Fiber splicing
* Training at International Transmission & Maintenance Center (ITMC) & SEA-ME-WE 4 Submarine cable section
* Training at Padukke Satellite Earth station
* ADSL & PEOTV maintenance at Negombo Outside Plant Maintenance Center(OPMC)
* Public Switched Telephone Network (PSTN) maintenance
* Main Distribution Frame (MDF) operation
* Telecommunication underground (UG) cable maintenance & jointing (Aerial closure/Splice closure for jelly filled

UG cable)

* Experience in Switching & Signaling (R2 & SS7)
* Multi-Service Access Node (MSAN) configuration at Katunayake Switching Center
* Training at CDMA switch at SLT Head Quarters
* Training at Private Automatic Branch Exchange (PABX) division, Slave Island
* Training at Power & Air Conditioning Section at SLT Head Quarters



**Engineering Intern: October 2010 – August 2011 - Arthur C Clarke Institute for Modern Technologies** (**ACCIMT**)

* Soldering / de-soldering techniques (DIP, SSOP, BGA, QUAD, SOJ PACKAGES) using High Precision Soldering Stations
* Designing schematic and layout of Electronic Circuits using ORCAD and PCB making.
* Test & measuring Equipment handling [Analog and Digital Multimeter, Digital phosphor Oscilloscope (YOKOGAWA DL 1540CL), Function generator, Chip Master 6000 universal programmer, U-V EPROM eraser, Curve Tracer (TEKTRONIX 571), Power Quality Analyzer (FLUKE43b), Spectrum Analyzer (Agilent – 4407B)]
* Microcontroller programming using MPLAB & MikroC
* Project Simulating with PROTEUS simulator
* Experience in Ballast & Surge Protective Device (SPDs) testing

**Engineering Intern: August– October 2010 – Geoniformatics International (pvt) Ltd**



* Experience in new generation Automotive Tracking Systems
* Installing and maintenance of GPS vehicle tracking devices. (TELTONIKA FM 4200)
* Experience in Geoinformatics Vehicle Tracking Systems.

**ACADEMIC QUALIFICATIONS**



**BEng (Hons) Electrical and Electronic Engineering** – University of Sunderland, United Kingdom

**National Diploma in Engineering Sciences (NDES)** – Electrical-Electronics EngineeringInstitute of Engineering Technology

**Advance Hydraulic and Pneumatic with PLC Technology –** Part time course – Ceylon-German Technical TrainingInstitute



**MEMBERSHIP IN PROFESSIONAL SOCIETIES**

Associate member of Institution of Incorporated Engineers, Sri Lanka (IIESL)

**ADDITIONAL QUALIFICATIONS**



* Spoken English at British Council (Intermediate II)
* Diploma in Computer Studies of IDM
* Institute of Western Music & Speech (IWMS) Music Theory Grade I to IV completed

Above particulars furnished by me are true and correct with level of my best.

Signature: Lakmal