

ARUN KUMAR J

Current Location : Qarn Alam – Sultanate Of Oman

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LEAD TESTING AND COMMISSIONING ENGINEER - 6 YEARS

SNAPSHOT: Solutions focused, meticulous and results-oriented **B.E (Electronics & Instrumentation Engineering)** Professional offering **6 years** of successful career distinguished by commended performance and proven results

Proactive decision maker, targeting challenging assignments with a well established and globally reputed organization, bringing the following transferable strengths:

Planning & Analysis
Testing & Commissioning

Troubleshooting & Servicing
Designing & Programing

Operations & Maintenance
Relationship Management

- Extended expertise in understanding the process, understand operations sequences, process parameters required to achieve quality characteristics
- Recognized as a hands-on, proactive professional who can rapidly identify problems, formulate tactical plans, initiate change and implement effective programs in challenging and diverse environments
- Strong analytical and problem-solving skills, effective written and verbal communication skills, interpersonal skills, organizational and multi-tasking skills

COMPETENCY

MATRIX

- Testing of:
 - Numerical Relays (Alstom, Siemens, Schneider, SEL, & GE)
 - Gas Insulated Switch Gears (Siemens, Alstom, & Hyosung)
 - Circuit Breakers (Tamco, Siemens, Schneider, L&T, ABB, & GE)
 - CT's, VT's and Meters
 - Operation of Control & Protection Panels (Hyosung, Siemens, Alstom, ABB, & Schneider)
- Retrofitting of:
 - Distance Protection Relays (ABB REL 670, Alstom P444, P442, GE D60)
 - Generator Protection Relays (Alstom MiCOM P343)
 - Differential Protection Relays (Alstom 643, P645, Siprotech 7UT613)
 - Motor, Over Current & E/F Protection Relays (Alstom P141, P441 etc.)
- Commissioning of:
 - GIS substation 220/132/66/11kV, 132/66/11kV, 66/11kV voltage levels
 - Switch gears (SIEMENS & TAMCO) & Transformers (ABB, ALSTOM etc.) 11kV/415V voltage level
 - Local Control Panels of SIEMENS, HYO SUNG, ABB & ALSTOM
 - Protection Panels of SIEMENS, ABB, SCHNEIDER & ALSTOM
- Programming of:
 - ALSTOM & SCHNEIDER Numerical Relays by Using **MiCOM S1 Studio & Agile** software tool
 - SIEMENS Numerical Relays by Using **DIGSI** software tool
 - SEL Numerical Relays by Using **AcSELeator** software tool
 - GE Numerical Relays by Using **EnerVista** software tool
 - ABB Numerical Relays by Using **PCM600** software tool
- Designing & Modifying of:
 - ABB, ALSTOM, SCHNEIDER&SIEMENS Schematic Drawings by using AUTOCAD 2010 & 2007
- Troubleshooting & Servicing of:
 - Electromechanical Relays - Disk & Armature type (English Electric Make)
 - Static Relays (GEC ALSTOM & ABB)
 - Numerical Relays (Alstom, Schneider)
- Handling activities which involves Firmware & Software up gradation of the relays, refurbishment of old electromechanical relays by new numerical relays.

PROFESSIONAL

EXPERIENCE

Role	Organization	Duration
Lead T & C Engineer	Arabian Gulf Power Gain Technical Services LLC, Dubai	Feb'16 - Present
Lead T & C Engineer	Digital Energy Engineering Services Wll, Qatar	Apr '13 - Feb '16
Field Service Engineer	M/s Electromek Engineers, New Delhi	May '11 - Apr '13

Maintenance Supervisor	Armstrong Spinning Mills P Ltd	May '07 - July '08
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Key Deliverables:

- Vital role in identifying areas of obstruction/breakdowns and implement effective steps to rectify the equipment through application of troubleshooting tools
- Accountable for implementing the corrective action plan improvements projects
- Spearhead, mentor & oversee the performance of team members to ensure efficiency in process operations and meeting of production targets
- Strategize and sustain a dynamic environment that fosters development opportunities and motivates high performance amongst team members
- Plan and formulate predictive & preventive maintenance schedules for various equipment to increase machine uptime & equipment reliability
- Implement maintenance schedules and carrying out periodic checks to ensure performance & maintaining requisite documents for the same
- Anchoring testing & commissioning activities for ensuring completion of work within time & cost parameters and utilizing resources to maximize output

Noteworthy Credits:

- **LOA Permit (Limitation Of Access)** holder in EWA – Baharain, ID 717
- Approved by ESB International, Mott Mac Donald, Energo project & Lahmeyer Consultants for all the testing activities up to 220kV voltage level in Kahrama Phase 10, and Phase 11 projects
- Effectively handled more than hundred retrofitting in a year for Power Grid Corporation of India Limited
- Acknowledged with the sponsorship for engineering project from Tamilnadu Science Council in the year 2011

CREDENTIALS

Professional:

- **B.E (Electronics & Instrumentation Engineering)** from Bharath Niketan Engineering College in 2011 with 72%
- **Diploma (Electrical & Electronics)** from Latha Madhavan Polytechnic College in 2007 with 84%

Software Tools Proficiency:

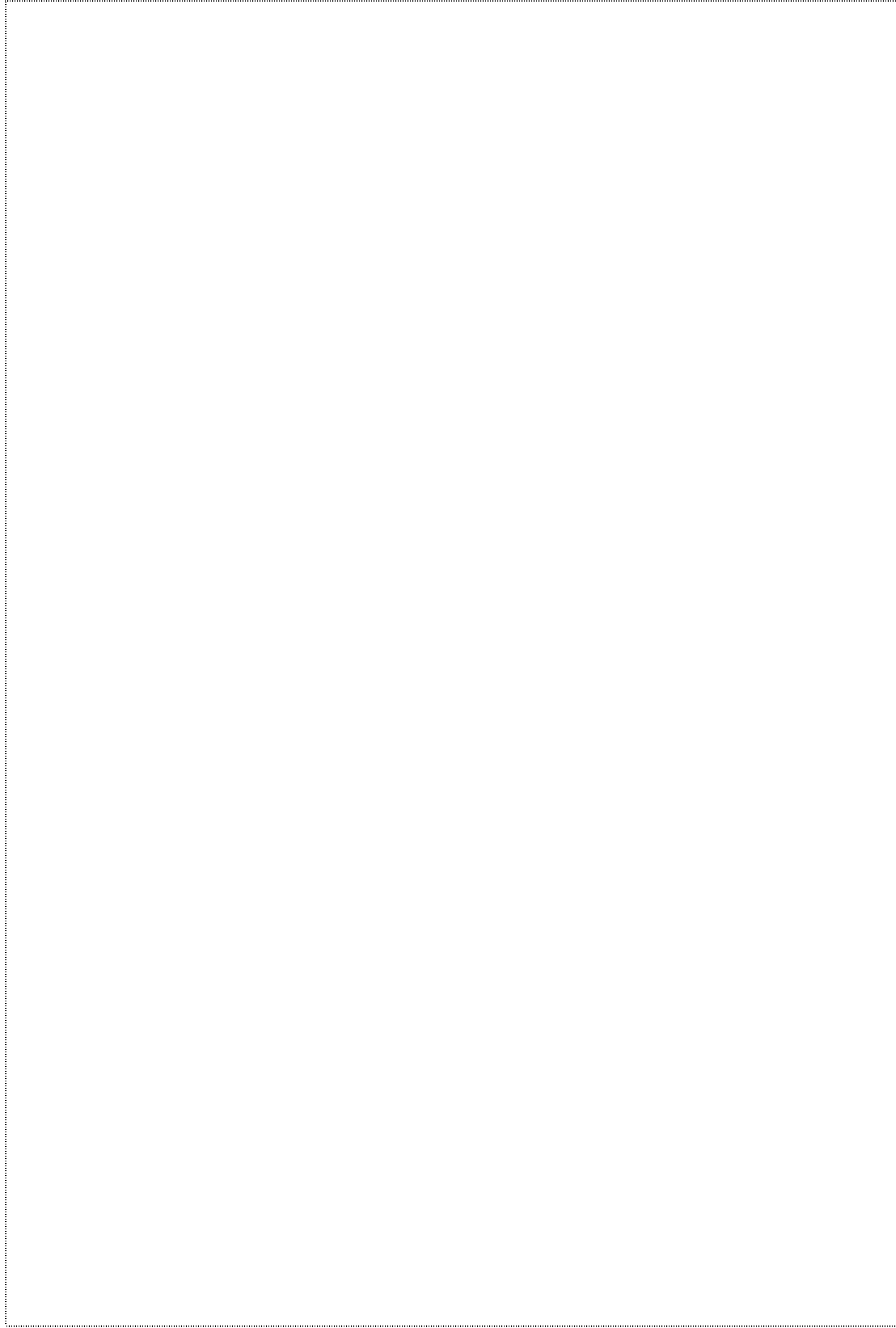
- Alstom MiCOM S1 Studio & Agile
- Siemens DIGSI
- SEL AcSEerator & GE Enervista
- Omicron's Test Universe, Primary Test Manager & Relay SIM test manager.
- AutoCAD 2007 & 2010

Test Kits Exposure:

- ZFP & CFP
- Omicron CMC 156, 256, 356,
- Omicron CT Analyser and CPC 100
- Ponovo Power Test-PW636i-R
- MEGGER FREJA 300, 306
- 1ph Secondary injection kit - Sverker
- Primary Current Injection unit - ODENA
- 3pole & 4 pole multifunction CB Analyser - Scope & EGLE
- Advanced 3pole & 4 pole multifunction CB Analyser - Omicron Cibano500
- Advanced VT Analyser kit - Omicron Votano 100

PERSONAL MINUTIAE

Date of Birth: 16th January, 1989
Languages Known: Tamil English, and Hindi
Mailing Address: 10B/A1 Mela Ponnagaram 10th Street, Madurai – 625 016
Passport No: J8813710 (Date of Expiry: 03/10/2021)
GCC Driving License: 28935617229 Valid Upto: 23-06-2020



ANNEXURE --- Project Handled

Title:	SNGP Project – PDO – Qarn Alam, Sultanate of Oman
Period:	July'16 to Present
Details:	Testing and commissioning of distribution Substations of Gas Plant.
Title:	66kV/11kV Sub Stations, EWA – Kingdom of Bahrain
Period:	Feb'16 to July'16
Details:	Retrofitting of 11kV Load Sheeding Under Freq & Under Volt Protection Relays (Alstom alais GE).
Title:	66kV/11kV AL Kheesha South Sub Station, Qatar
Period:	Jan'15 to Feb 16
Details:	Testing & commissioning of 132kV GIS, 11kV Switch gear, and LV Boards.
Title:	66kV/11kV Doha Festival City Sub Station, Qatar
Period:	Sep'15 to Jan 16
Details:	Testing & commissioning of 66kV GIS, 11kV Switch gear and LV Boards.
Title:	33/11kV Substations -QSTEC, Razlafan - Qatar
Period:	June'15 to August 15
Details:	Testing & commissioning of 33/11kV transformers, 33kV & 11kV Switch gears, Protection Relays and LV Boards.
Title:	132kV/11kV Umm Salal Central Sub Station, Qatar
Period:	Feb'15 to June'15
Details:	Testing & commissioning of 132kV GIS, 11kV Switch gear and LV Boards.
Title:	33kV Sub Station Occidental of Oman Inc, Muhazina-Oman
Period:	Dec'14 to Jan'15
Details:	Retrofitting and Testing of CT's and Feeder Protection Relays
Title:	11kV/415V Sub Station Qatar Petroleum, Qatar
Period:	Oct'14 to Nov, 14
Details:	Testing & commissioning of L&T LV Panels and SEL Numeric relays
Title:	11kV/415V Sub Station Lusil City Development, Qatar
Period:	Sep'14 to Oct 14
Details:	Testing & commissioning of Schneider Electric make LV panels
Title:	66/11kV Kahrama Sub Station Mesaimeer west, Qatar
Period:	July'14 to Sep 14
Details:	Testing & commissioning of Alstom makes Relay panels and Hyosung GIS Local Control Panels & GIS
Title:	33kV PFC Sub Stations Qatar Petroleum, Dukhan, Qatar
Period:	May'14 to June' 14
Details:	Testing & commissioning of Capacitors, Reactors and C&R panels.
Title:	220/66/11kV Kahrama Sub Station Duhail, Doha, Qatar
Period:	Feb'14 to Apr'14
Details:	Testing & commissioning of Siemens makes Relay panels and Hyosung GIS Local Control Panels & GIS
Title:	66/11kV Kahrama Sub Station Doha Industrial-F – Doha, Qatar
Period:	Aug'13 to Jan'14
Details:	Testing & commissioning of Siemens makes Relay panels and GIS Local Control Panels, 66kV GIS and 11kV Switch Gear
Title:	66/11kV Kahrama Vegetable Market Sub Station, Doha, Qatar
Period:	Apr'13 to Jul'13

Details:

Testing & commissioning of Siemens Numerical relays, Components, Circuit Breaker, Switch gears, and Transformers

Title: Delhi Transco Ltd., Delhi
 Period: Feb'13 - Apr'13
 Details: Erection, testing & commissioning of thirty numbers, of Load Shedding panels in various Delhi Transco Ltd s/s and ten 400kv grid/ NTPC/PPCL

Title: 400kV Power Grid Corporation of India Ltd., Wagora, Kashmir
 Period: Jan'13 to Feb'14
 Details: Retrofitting of Six nos. of old ABB-RAJZEE distance protection relays by new MiCOM P444 distance protection relays

Title: 765kV Power Grid Corporation of India Ltd., Moga, Punjab
 Period: Dec'12 to Jan'13
 Details: Retrofitting five nos. of old CDG31 directional over current protection relays by new MiCOM P143 relays & Retrofitting of three nos. of old ALSTOM-MICROMHO relays by new MiCOM P444 relays.

Title: 400kV Power Grid Corporation of India Ltd., Allahabad, UP
 Period: Sep'12 to Nov'12
 Details: Retrofitting of Twelve nos. of old ABB-REL 521 distance protection relays by new MiCOM P444 distance protection relays. And, Test & Commissioned the 150MVAR reactor protection panels (Include MiCOM P643, REF-MiCOMP143, LBB- P143 relays)

Title: 400kV Power Grid Corporation of India Ltd., Kanpur, UP
 Period: Jul'12 to Aug'12
 Details: Retrofitting eight nos of old ABB-LZ96 distance protection relays by new MiCOM P444 distance protection relays.

Title: 400kV Power Grid Corporation of India Ltd., Jalandar, Punjab
 Period: Apr'12 to May'12
 Details: Retrofitting eleven nos. of old ABB-LZ96 distance protection relays by new MiCOM P444 distance protection relays

Title: 400kV-Power Grid Corporation of India Ltd., Hissar, Haryana
 Period: Feb'12 to Mar'12
 Details: Retrofitting of four nos of old distance ABB-RAZFEE relays by new MiCOM P444 distance protection relays and two old backup imp YTGM relay by new MiCOM P442 reactor protection relays

Title: 1867 MW-Panipat Thermal Power Plant, Haryana
 Period: Jan'12 to Feb'12
 Details: Testing of electromechanical relays (CDG, VDG, CTNM, CAG, YTGM, ZTO and etc.) in generator units 5& 6 protection panels