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| Profile Summary | * A successful career in Oil industry Engineering and Project management as well as Research, Design & development engineering of dynamic systems.
* Rich 10 years experience of Oil industry Electrical, SCADA, Automation, Control and Instrumentation systems
* EPC Project management of Electrical, SCADA, Automation, Control and Instrumentation projects. Working knowledge of international standards of ISO, IEC, API, NEMA, ANSI etc.
* Experience in research, experimental design, statistical analysis, modeling, simulation, SW development, SW & HW testing, verification, validation, implementation & documentation
* Comprehensive command over LabVIEW (real-time, simulation& control, Mathscript ), Matlab (Simulink, optimization, statistical/fitting, ANN), ANSI C coding (embedded systems, microcontrollers, MPLAB), C# (.NET framework), NI Multsim electronics simulation and prototyping, HMI/SCADA (Ifix, InTouch, WinCC, VMware Virtualization), Siemens S7 (PLC) and MS Office
* Profound knowledge of power electronics, robotics, CAN, RS485, OPC, Profibus, Modbus, SQL connectivity, international standards and certifications
* Excellent communication, documenting & presenting skills in English
* Key team player and exhibit proactive approach to lead and solve problems
* Possess aspirational interpersonal, analytical, and organizational skills
* Ability to demonstrate persistence and resolve in a highly competitive & challenging environment and conditions
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| Employment | [Oilwell Varco](http://www.nov.com), Stavanger, Norway | 2013 - 2016 |
|  | ***Systems Engineer**** Project and Systems engineering HMI Cyberbase Drilling Control Systems

AS, Porsgrunn, Norway | 2010- 2012 |
|  | Development Engineer* Leading position within battery management system (BMS) development, responsible to design, develop, test & verify BMS main algorithms (SW) and specifications.

[Engineering AS](http://techni.no/), Horten, NorwaySummer & part-time jobDeveloped 2D Navigator &User Interfaces for embedded sensor system integrated with FPSO riser, programmed in C# & WPF [Co. Ltd.](http://psopk.com/) , Karachi, PakistanSenior Engineer Projects* EPC projects management of Electrical, Automation, Control, Instrumentation & Security systems in classified zones. EEx/ATEX directives compliance
* Development of system design specifications of automated & control systems
* Tendering Process, proposals review, SAT, FAT and Detailed Engineering

PSO Co. Ltd. , Karachi Pakistan Engineer Terminal* Electrical and SCADA systems management.
* SCADA Expansion (InTouch HMI, Siemens PLCs) & System integration with other automation, SAAB tank gauging and FMC metering system on electrical, fibre optic & radio mediums.

Co. Ltd. , Karachi PakistanTrainee Engineer SCADA* Hands on experience on Electrical systems and SCADA system development , installation & commissioning in an oil filed (InTouch, Siemens PLC, fibre optics & process instruments & actuators
 | *2008-2009**2002– 2007**2000 – 2002**1999 - 2000* |
| Education | Master of Science (Systems & Control Engineering)[Høgskolen i Telemark](http://www.hit.no/), Norway**Bachelor of Engineering (Industrial Electronics)**[IIEE](http://iiee.edu.pk/), [NED University of Engineering & Technology](http://www.neduet.edu.pk/), Pakistan | 20101997 |
| Membership | [PEC](http://www.pec.org.pk/Index.aspx) Pakistan, [IEEE](http://www.ieee.org/index.html) US, [TEKNA](http://www.tekna.no/) Norway |
| Training | GE Ifix HMI NOVSoftware testing Hans Schaefer FMEA ISO26262 Tim Davis Matlab embedded coding Matlab NI ARM module National InstrumentMicrochip microcontroller MicrochipRadar tank gauging SAABFiscal metering system FMC TechnologiesSCADA development Oceantech  |
| Significant achievements | * Secured 1st position in school in secondary school (10 years) examination
* Development of 3 DOF robotic arm system, based on Siemens PLC
* Development of PC based high speed high channels count data acquisition system
* Development of single board computer microcontroller based digital PID controller
* Won special prize in industrial exhibition on a logic controller.
* Managed critical EPC projects independently regarding system integration, SAP 3rd party interface and security systems. Refer appreciation letter.
* Development of 2D/3D navigator of embedded sensor integrated with riser for .NET framework on WPF technology
* Development & simulation of onboard high DC current sensing system with high precision, accuracy & micro power circuitry
* Development of state-of-the-art real-time hardware-in-loop simulation test bench for hardware and software verification and validation
* Development of real-time adaptive observer based Li-ion state-of-charge algorithm and its ‘C’ code implementation on embedded system
* Development of 3D time-variant Li-ion cell and battery module models and their simulation and optimization.
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| **First Name of Application CV No:** **1704066**Whatsapp Mobile: +971504753686 New_logo.gif |  |  |