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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 | | | | | |
| 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, Norway Summer & part-time job Developed 2D Navigator &User Interfaces for embedded sensor system integrated with FPSO riser, programmed in C# & WPF  [Co. Ltd.](http://psopk.com/) , Karachi, Pakistan Senior 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 Pakistan Trainee 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 | | | 2010  1997 | |
| 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 NOV  Software testing Hans Schaefer  FMEA ISO26262 Tim Davis  Matlab embedded coding Matlab  NI ARM module National Instrument  Microchip microcontroller Microchip  Radar tank gauging SAAB Fiscal metering system FMC Technologies  SCADA 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 |  |  |