

# Imran Khan

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## Work experience

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### Slash Global International (PVT) LTD

JAN 2016 — Present

CTO

- Coherence so the Company's technology strategy serves its Business strategy
- Managing Strategic Decision Making for Global Future Growth and Sustainability
- Identifying Emerging Architectures for Edge in Core Competencies

### Higher Visibility

SEP 2010 — DEC 2015

Project Manager

- Design Development and Managing Project for Large Scale RealTime Systems
- Integrating British Telecom BroadSoft System for Call Centre Application
- Leafletjs for GeoFencing and GPS Application
- Cefsharp Chromium Embedded in C# app
- Nodejs Failsafe implementation
- MongoDB Advanced ranking and indexing operations
- Dynamic TSP optimization
- System Lock Licensing
- Implementing Prince2 Project Management Model across the organization
- Utilizing Agile Scrum Sprints for optimum ROI
- Management and Deployment of state of the art ,Avant Garde Logistics Support System incorporating multiple technologies including GPS (global Position System),GPRS mobile data and GIS (Global information system).

### SUPARCO

APR 2002 — AUG 2003

Assistant Manager

Primary Functions

- Design and Development of RT DAQ Solutions for Time Critical Applications Using visual C++, Lab View and Mat Lab
- Developed Real time High Speed Data Acquisition and 2D Signal Processing of Doppler Data for Machine Vision Application
- DCOM based Advanced Data Transceiver using Client Server architecture using ATL based outofproc Server Socket based Network to RS232 Redirector
- Development of Telephone based InterModem Data Link
- MS Access Database for Tethersonde Wind Data Management
- Design and Development of Ground Support Systems for R3 (Robust Redundant and Reliable) operation using COTS with extensive utilization of Petri Nets and State Machines for meteorology
- Software Implementation of Reference Neutral Inter conversion of Cloud charged resonant particles Velocity Coordinate System

# IT ASPECT

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## GIS:

- GIS based logistic support system design specifications , evaluation
- Open Street Map, OSRM ,Leafletjs,Google map and place api for Geocoding and reverse geocoding
- OSM POI extraction , UK Royal Mail PAF file processing and utilization for GIS

## MOBILE:

- Android Studio:Android Native development
- XCODE :IOS Swift development

## Database:

- EXPERT LEVEL MONGODB
- MSSQL ,MYSQL,PERCONA SQL

## Virtualization:

- OpenVZ virtualization,VirtualBox,Vmware

## Server Administration and Provisioning:

- Winxp, Windows Server 2003, Windows Server 2008,Ubuntu,Centos
- Remote Desktop, VNC , SSH remote shell
- UK based dedicated and VPS Domain and hosting management ,operation ,optimization and configuration
- Webmin/Virtualmin Plesk and Cpanel Panel installation updates , maintenance,operation
- Windows IIS7 Webserver operation and configuration optimization
- Apache webserver,DNS optimization

## Desktop:

- C# Visual Studio , Advanced profiling , Debugging ,High Performance ,Device Level Licensing

## WEB:

- Google Dev -tools
- Google Pagespeed Optimization
- W3C compliancy (html5 and css3)
- Google/Bing webmaster tools & analytics
- CMS (Content management system ) Expert level
- Media query responsive design
- Search engine Technical optimization
- LAMP,WAMP ,XAMP
- Turnkey linux appliances
- Advanced ASP Pagespeed optimization
- Asp.net websites (Asp ajax toolkit optimization)

# Professional Membership

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Member "Pakistan Engineering Council", registered "Professional Engineer"

Member "British Computer Society"

# Professional Development

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- Extensive training workshop on Project Management With emphasis on TQM/TQC BPR
- Aerospace Orientation for Engineers

# Professional Internship

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DEC 2000 -JAN 2001

At SIEMENS Pakistan Karachi Chapter

Process & Automation solution Dept.

International Assignment of Industrial Automation Using Step7 with CEMAT (CASE) extensively involving FUP (Functional Plans) Vision for Project Management from Assignment list to Plant commissioning

# PLC

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- Simatic-S7, 314-IFM & Simatic-5, 100-U100.all vendors
- LAD, FBD & STL. Programming as per IEEE standard

# Education

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Bachelor of Engineering Industrial Electronics 1998 — 2001

NED University of Engineering & Technology

Advanced Diploma in Computer Science JAN 2007 — NOV 2007

Liverpool College of Management Sciences

OCR CLAIT PLUS JULY 2004 — SEP 2006

London College UK

H.S.C (Higher School Certificate) Pre-Engineering 1996 — 1997

S.M.Govt Science College

S.S.C (Secondary School Certificate) Science 1985 — 1995

Progressive Model School

# Academic Projects

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## Controller of Inverted Pendulum

Designed the controller of “Inflexible Inverted Pendulum” using PID controller in conjunction with a series compensator. Matlab (v 5.0) was used for performing design, analysis, and simulation.

## Final Year Project.

“Precision Weighing Machine using highly Nonlinear Capacitive Sensor” Sensor Mathematical model Formulation, development and interfacing the Transducer utilizing Frequency response of the transducer. developed in Assembly Language and simulated in Professional Pinnacle IDE

## Final Year’s Mini Project.

“PC to PC UART communication via Null Modem connection on VB6”

## 3rd Year’s Mini Project.

“Digital Frequency Counter & Digital Clock”

# Interpersonal skills

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- Strong Leadership skills
- Team building
- Agile Project Management and Six Sigma doctrine
- Adaptability

# Development Platforms Used

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VxWORKS, Tornado WindRiver System, EVision Machine Vision Libraries, Visual DSP Analog Devices, LabView 6i, ORCAD®™ Matlab 6.5®, AutoCAD®VisualStudio, IDA, SoftIce, DriverStudio, Pinnacle IDE 89c5x Simulator, Ladder Works,

# Qualifications

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- City and Guilds Level 2 Certificate in ESOL International (Expert C1) Nov 2012

# Interests

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Future Technologies, GIS, Software Security, Design Engineering, Embedded Systems, PLCs, Device Driver Development,