

Naveed Quadri

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[naveedmurtuza.github.io](https://github.com/naveedmurtuza)

A versatile software developer specializing in creating both desktop based and web based applications using multitude of languages and frameworks. Currently employed by ComSpots Est. as a senior software engineer. I have been in the field for more than 6 years. Check out my [github](#) profile to see some of my open source work.

Key Skills

Core Programming Languages

C, C++, C#, Java, SQL , PHP, XHTML, XML, JavaScript

Databases:

MS SQL Server, MS SQL CE, MySQL, MS Access, JavaDB, SQLite, H2

Technologies:

.NET Framework 2.0 - 4.5 , ASP.NET, MVC, ADO.NET, AJAX, WCF, Silverlight, WPF,
IIS, LINQ, Web services, JQuery, Netbeans RCP, Android, SOAP, VSTO, com4j, Entity
Framework, BouncyCastle

Work Experience

Position: **Senior Software Developer**

ComSpots Est. , Riyadh, K.S.A [<http://www.comspots.com>]

July 2009 -present

Achievements:

- Single handedly designed and implemented a PKI Solution to manage cryptographic keys and digital certificates using C#. The PKI Standards supported are Digital Certificate (X.509 v3), Certificate Revocation List (X.509 v2), Certificate Request (PKCS #10), Storage and transmission of private key and certificate (PKCS#12), Distinguished Name (X520), Key pair generation (RSA), Message Digest (SHA-512)
- Designed and developed a Key Management application in C#, for our secure phone to manage cryptographic keys in the device, also supports other features such as remote key update of the device, sending SMS, sending custom APDU commands for administrative tasks etc.,
- Implemented in Java an Openfire plug-in to securely exchange symmetric keys between users for secure communication. Openfire is an instant messaging (IM) and groupchat server that uses XMPP server.

- Implemented in C# an Outlook plug-in to securely send/receive email using the company's Hardware Security Module(HSM). Also responsible for writing a WCF service for managing X509 Certificates.
- Designed and developed APIs for the OTP Hardware (calibrated Real Time USB clock & OTP User Token) in C++ with managed wrappers for C#(P/Invoke) and Java(JNI).
- Implemented in C++, a custom windows credential provider (Vista/7/8) supporting two-factor authentication using OTP Tokens in a windows domain

Key Technologies Used:

C++,Java, C#, .NET 3.5 - .NET 4.5, MS SQL CE, BouncyCastle APIs, Serial Port Communication, XMPP, WCF, VSTO, ASP.NET MVC2,MS SQL Server 2008, JNI, PInvoke, Android, Drupal, PHP, NodeJs, Google Maps API

Freelance Projects

Crystalize [<http://glitz-crystalart.com/>]

Crystalize is an image manipulation / editor application developed for glitz - Crystal Art. The application aids in crystallizing portraits. Supports rich features such as custom canvas, layers, crystals' palette, Printing , unlimited undo-redo, image editing features as resize, rotate, crop, adjusting brightness, contrast.

Education

Master of Science (Computer Systems & Networking) <i>University of Greenwich, London, UK</i>	June 2008
Bachelor of Technology (Computer Science & Engineering) <i>JNT University, Hyderabad, India</i>	April 2005

Personal Profile

Full Name:	Syed Naveed Murtuza Quadri
Date of Birth:	22 July 1983
Marital Status:	Single
Nationality:	Indian