

NAJAM AWAN | RESUME

- » **Status:** Full stack Web Engineer, Product Manager.
- » **Fields:** Project Management, Software Development, Consulting.
- » **Tech:** Javascript, Bootstrap, NoSql, Git, GoLang, Docker, Linux, Asp.net/C#.
- » **Loves:** Learning Scalable Tech, TV series, Video Games, Linux, Comedy.

»»» Education

2005 - 2008	Graduated as MS Telecommunication	Bahria University - Karachi, Pakistan
2000 - 2004	Bachelor of Software Engineering	Bahria University - Karachi, Pakistan
1998 - 2000	FSC (Pre-Engineering)	Bahria College - Karachi, Pakistan
1996 - 1998	SSC (Science Group)	P.N Boys Secondary School

»»» Experience

Nov, 2011 - Current	Project Manager / Architect	Mohtak Solutions - Pakistan
	<ul style="list-style-type: none"> » Introduced modern tools and technologies to get better communication, management and coding experience. Few notable mentions include Asp.net MVC, Entity Framework Code First, GitLab, Slack, Scrum, TDD, NodeJS, NoSql Databases, GoLang, Linux Servers. » Currently leading product and mobile team with active involvement of every phase of software development from requirement gathering to post deployment activities. 	
Mar 2010 - Aug 2011	Sr. User Experience Developer	Creative Chaos - Pakistan
	<ul style="list-style-type: none"> » Worked on front-end technologies including html5/css3, javascript and jQuery. Integrated front-end code and with web back-end code including wordpress, php, drupal and asp.net. » Created single page application without SPA framework using only jQuery and custom libraries for CokeStudio Pakistan and MCB Bank Pakistan. 	
Oct 2009 - Jan 2010	Senior Web Developer	Ovrload - Pakistan
	<ul style="list-style-type: none"> » Responsible for back-end development in asp.net with webforms and sql server. » Also created HTML5/CSS3 based web front-end for websites integrated with custom asp.net back-end solution. 	
Oct 2007 - Aug 2009	Web Developer	The Design Firm - Pakistan
	<ul style="list-style-type: none"> » Shipped various delayed projects and delivered new projects on time single handily using Microsoft .Net technologies. » Developed front-end for websites with proper semantics and in compliance with W3C rules. 	
Jan 2006 - Aug 2007	Web Developer	ShakStyle - Pakistan
	<ul style="list-style-type: none"> » Developed back-end of websites using classical asp and asp.net/C#. » Brought designs from photoshop to browsers. 	
Nov 2004 - Nov 2005	Web Developer	Zephyr Solutions - Pakistan
	<ul style="list-style-type: none"> » Development of dynamic professional web sites and flash based interactive web sites. » Integrating business logic into flash based web sites backed by classical asp. 	

Sep 2004 - Nov 2004

Web Developer

Right Solutions - Pakistan

- » Work involves coding in HTML and CSS, maintain existing websites, assisting team leader to achieve goals.
- » Also trained new team members and documented guide how to get started.

»» Selected Projects

Vheelz

www.vheelz.com

- » Vheelz is uber for bikes. I have build this product from ground up starting from prototyping, working with designer, modeling UI/UX, picking up technology stack, configuring network infrastructure on azure, coding, deployment, backups and automation. Addition to that I have built dev and marketing team for this product. Trained teams and define processes that help us progress using lean methodology.
- » My development work mostly involved with web api, admin panel and a real dashboards using websockets. I have created basic project structure for all the web applications required for this project that helped as starting/reference point for dev team.
- » **Tech: NodeJS, KoaJS, RethinkDB, Socket.IO, MQTT and Pushy**

LiftPakistan

www.liftpakistan.com

- » Liftpakistan is a large conference that is growing each year. Based on shared requirements I have started this project from planing, wireframing and involved in each phase untill deployment. For this project I have picked up new programming language, NoSql database and docker.
- » I have codify web project structure for web api and admin panel. Also used docker and makefiles to push code to remote environment (staging, production) with single command.
- » **Tech: GoLang, Gin-Gonic, Revel, CoackroachDB, Docker, Makefiles and Bash scripts.**

Mithuo

www.mithuo.com

- » Mithuo help small teams to share location update across different platforms. Major features include chat, team and group management, one on one voice calling using webrtc. Started this project with few meetings then build wireframes and moved to later stages of development.
- » Studied webrtc and configured required dependencies for voice calling.
- » **Tech: RethinkDB, Firebase, NodeJS and KoaJS**

JumahPay

www.jumahpay.com

- » This uk based product help people donate using their mobiles. Since inception I have been involved with all development phases. Most of my time spent configuring CASSANDRA locally and on Azure Cloud.
- » Codify CASSANDRA database connections and repositories in NodeJS/KoaJS. Learn many database concepts to manage high traffic and big data volumes.
- » **Tech: CASSANDRA, Stripe, NodeJS and KoaJS**

IslamBox

www.islambox.com

- » Islambox does live streams and recorded videos to end user device, let it be mobile, web browser, or google tv. I have involved in developing new features, squashing bugs in old code, improving performance of existing modules and managing development and business team.
- » Due to nature of this project I had to learn more about media servers for streaming and linux features. Also rewrote mass mailer and batch payment processing against Authorize.net.
- » **Tech: Asp.Net/C#, TopShelf windows services, powershell scripts, SQL Server, Entity Framework, Web-Forms, MVC, AngularJS and Wowza Streaming Engine.**

Coke Studio

www.cokestudio.com.pk

- » Established a mechanism for AJAX requests to avoid postback to server. Linked video player (youtube, jwplayer) and audio player for better user experience. Developed play list that visitor can populate with their favorite songs and save them in playlist for future using technologies like AJAX, JSON, JQuery and asp.net.
- » To leverage social networking user base integrated GIGYA Javascript framework and write code against its events when user login and logout.
- » **Tech: Javascript Modules PatternjQuery, HTML5, CSS3, Asp.Net.**

MCB ATM Locator

Not Available Anymore

- » Built user experience, UI concept and then coded the interface using some best practices and design patterns. To get loose coupling between UI elements implemented Observer pattern. For modularity and testability implemented Sandbox pattern along with modules pattern.
- » Wired all the code with YUI Doc and Qunit for automated document generation and unit testing.
- » **Tech: Javascript Modules Pattern, jQuery, HTML5, CSS3, Php.**

Lals Chocolate

www.lalschocolates.com

- » Responsible for whole project as a single developer and implemented features in asp.net 2.0 like Master Pages, Admin Panel, Shopping Gallery, Shopping Cart Component, User Interface development, Ajax development for interactivity, Asp.net Membership for User management and database design.
- » Integrated e-commerce transaction using 2Checkout payment gateway.
- » **Tech: Asp.Net/C#, SQL Server, WebForms, ADO.Net jQuery.**

DAE Global

www.daeglobal.com

- » Created wordpress theme from scratch based on supplied design.
- » Front-end development with heavy AJAX, Html5 and CSS3 use with fallback support for older browses.
- » **Tech: jQuery, HTML5, CSS3, Wordpress.**

Quick Contractors

Not Available Anymore

- » Quickcontractors.com is a lead generation and management system written in classical asp 3.0.
- » Modules I have developed includes project management with bidding, commission report, Calendar + Todo List + Reminder System, Sign-up System, Articles and News System and remote database management.
- » **Tech: Javascript, HTML, CSS, Classical Asp.**

Fatima Bhutto

www.fatimabhutto.com.pk

- » Created living breathing website from design PSDs.
- » Developed wordpress theme from scratch and took care of deployment and automated backup scripts.
- » **Tech: jQuery, HTML5, CSS3, Wordpress.**