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Intro Video https://www.youtube.com/watch?v=4A4sTShjcHo
For **UPDATED full RESUME**, please visit https://masoodahmad991.github.io/masResTr/
PDF?: Just print from browser, save as pdf (hit ctrl+p or file menu > print)

Aims Only remote / home based work, consultancy (full-time, part-time job or contract)

Why applying? Having more than a decade of experience in numerous technologies. A journey from a coder to project manager/ architect, collaborating with techs and executives in U.S and other west based companies mostly; it seems I have met my cap and want to grow further.

Applying for: Equally interested for a position of software engineer/ programmer (any type/level) or digital marketer

Interested in: Javascript, Java, Python, Linux stack. All kinds of digital marketing. Remote / home based job only.

Skills self assessed out of 10

Languages & Technologies	
Java SE	7
Java EE	5
JavaFX	3
Spring 3: Core, MVC, Security	4
Hibernate	4
Python	3
JavaScript, es6	4
Typescript	3
PWA progressive web app	4
Reactjs, Redux	5
jQuery & UI	4
HTML 5	5
Css 3, SASS	5
Php	3
Android	2

IDEs	
Intellij idea, Netbeans, Eclipse	5
Vim	3

--- Wish --- --- list ---

Operating Systems	
Linux Ubuntu, CentOS, RHEL	7
Mac OSX Mavericks	3
Windows Server 2008	3

Servers	
Apache httpd	4
Nginx	4
Apache Tomcat, glassfish, wildfly	4

Databases	
MySQL	4
PostGreSQL	4

Networking	
Networking	4
Ethical Hacking	4

Project management tools	
Redmine	7
Planner (time-line)	6
Git (CLI) & GitHub	5
Bugzilla	3
Agility and scrum	7
Process flows & UML	6

Other Tools	
Maven	5
Selenium, puppeteer	3
Mysql workbench, pgAdmin, PhpMyAdmin, SQLYog	3

Digital marketing	
Email marketing	7
Socia media marketing	4
SEO	4

Technologies I have used non-extensively or would like to work with, due to interest.
RabbitMQ, Cassandra, couchDB
Sharding, Replication, Cluster: MySQL, PostGreSQL, OracleDB
App Concurrency, Scalable systems, Load balancing, HAproxy, memcached
Apache Solr, Lucene, Elasticsearch, Hadoop, Bigdata
WebShere, WebLogics, Jboss, All with Java & JavaEE
Spark, Linux, FreeBSD, NetBSD, Raspberry Pi, C++
AI (artificial intelligence), Tensorfow, keras

Aptitude

- Good verbal communications skills with foreign clients while managing the project as a whole
- Very good at all kinds of written communications like business, technical or reporting.

- Project management and architect
- Team player and team lead abilities and skills
- Result oriented with a "can do", "can make better" and "can resolve" attitude

- Always polishing and adding skills

Experience More than a decade of experience

Solutions Architect & Senior project manager in CQ Soft
i. (a UAE based company in PK) (4 years)

Lead digial marketing team
Email marketing and account configurations, checks, settings, maintenance for mailgun, sendinblue, gmail with click and view tracking, bounce, email verificaiton.

| Email marketing |
| SEO |
| Social media marketing |
| Paid ads marketing |

Built and scaled large web app
Web app with inventory, purchase, sell features.

> Reactjs
> Node.js
> Redis
> Postgresql
> Typescript
> Vite
> Webpack

Google Analytics & MixPanal Analytics Integrations & dashboards
Intgrated and created Google analytics & MixPanel analytics dashboards for node.js based app.
Dealt pageviews, events, session and engagement time of user in a SPA (single page application).

> Node.JS
> Google Analytics
> MixPanel Analytics
> Linux

Node.js website integration with drupal in iframe
node.js based web portal integration with drupal (for documentation) in an frame.
User authentication with redis and took care of layout and iframe issues and auto resizing of the iframe.

> Node.JS
> Redis
> Drupal
> Linux

Asterisk dialplan & calling help
Superwised and helped in asterik setup & dialplan development and automated call integration for a short project.

> Asterisk
> Dialplan
> Voip

Mobile app for baby products comparison
Technical advice and supervision
Hands on Development
Minor day to day help to other senior team leads.

> Architect
> Consultant
> Development
> PostGreSQL
> JavaEE
> REST
> Android

Several Wordpress, Magento & Web design projects
Technical advice and supervision
Minor hands on Development
Minor day to day help to other senior team leads.

> Architect
> Wordpress
> Magento
> Web Design
> Web Development

Senior project manager & Architect for complex & large projects
Guided team and senior software developers when they needed help for various projects.
Conversation with client in the U.S & U.K directly.
Introduced and improved old agile and scrum methodologies in the company.
Created Statement or work SOWs
Replied Request for Quotes RFQs
Created Redmine sprints and time lines for projects.

> Project Manager
> Architect
> Request for Quotes reply
> Statement of work
> Guiding team
> Agile Sprints

Quickbooks & SugarCRM integration
Integrated synchronization between Quickbooks and SugarCRM via QB connector with short polling.
Conversation with client in the U.S directly.

> Project Manager
> Architect
> Quickbooks
> SugarCRM
> Agile

Large wordpress project
Created and integrated wordpress theme for a large university website having more than 500 pages.
Conversation with client in the U.S directly.

> Project Manager
> Architect
> Wordpress
> Agile

SugarCRM and IBM cognos business Intelligence integration
Managed a team of 15 people and followed agile and scrum based project management with proper time-lines.
Conversation with client in the U.S directly.
Project included: configuring IBM Cognos Business Intelligence server and creating custom reports from and in SugarCRM.
We created installations guides and bundle installers for Windows (silent installers) and for Linux (bash script based).

> Project Manager
> Redmine
> Agility
> Scrum
> IBM Cognos BI
> SugarCRM

x2engine CRM projects
Technical advice and supervision for making Google calendar sync plug-in in x2engine
Minor day to day help to other senior team leads.

> Architect
> Consultant
> Php

MySQL

Solutions Architect & Senior project manager in IT Boost LLC (The Help desk)
ii. (a US based company in PK) (1 year)

Team, time & efficiency management
Managed project deadlines, followed by flow, roadmaps, timelines, ETA & architectural discussions with team.
Code review and guided team on best practices

Timelines
Architecture
Meetings & roadmaps
Redmine
Project Management

Improving & porting Angular1 based app to react+redux
Improved and ported a SPA (single page application) from Angular1 to react and redux with latest stable most technologies
including ES 2015 and code linting, hot deployment etc
Code review and guided team on best practices

ReactJS
Redux
Typescript
Babel
Linting
Node.JS
ES2015
WebPack

iii. Software Systems Architect in Maavan LLC (a U.S based company in PK)(3 months contract)

Architecht or gave advice for various software and lead the team
Architect various software (e.g a history time-line web based large scale software in JavaEE and node.js (for chat features)
Lead the team, scrums, project time-line, guidance etc.

Architect
Project Manager
JavaEE
Php
Node.js

Architect a wordpress based plug-in for online work (like mini freelance site)
Build basic MVC framework in php and created database schema.
Architect the plug-in for online work (like mini freelance site)

Architect
Project Manager
Php

Web spider that filled forms and tackled with JavaScript to get data for airline tickets
Created a web spider that fetched data from different statistics sites and produced reports in a custom way. The spider logged-in,
by-passed JavaScript authentication, handled redirects and fetched required data from end page. This was by Selenium and
Phantom.JS (headless browser).

JavaEE
Selenium

Web spider that fetched data from statistics sites for mobile games
Created a web spider that fetched data from different statistics sites and produced reports in a custom way. This data was
entered in a database and very custom reports were produced.

JavaEE
PostGreSQL

iv. Software Developer and team lead at Syncsys llc.(a U.S based company in PK)(2 years)

**Successfully created web based task management core application functionality as the sole developer and
architecht.**
- Created a notice board and task management application similar to learnkit.com
- Made server side back-end and front end UI.

Java EE
Spring MVC
Spring Security
Hibernate
JSP
CSS3
HTML5
Javascript
jQuery
PostGreSQL

Android polling application
- Android - Made service that runs after every (x) minutes (usually 15) (to be virtually persistent and unstoppable by android OS..
The service verfies credentials and sets up Shared Preferences, while talking to a java servlet (web server).
Used Standard Android GUI, Fetching and controlling GPS location, Alarm Manager, Wake Locks and ForeGround Service.

Android
Java EE

Screen capture desktop software
- The application captured images of employees screen (desktop) and auto uploads it to a web server with predefined time interval.
The snaps of all are viewable on the web. (latest snaps of all and all snaps of each individual)

Java SE
Java EE
Jsp
Servlets

Website for Alpinema.com (under construction)
Configuring apache httpd and tomcat to run in integration.

Java EE
JSP

Involving latest CSS3 and HTML5 features with
dynamic content generation,
sign in and sign up forms with verification on email, user authentication,
database integration,
custom content management system.

`Servlets`
`CSS3`
`HTML5`
`MySql`
`MVC`

Made referral module for opencart
- Customizing / adding affiliate and referral module in opencart.

`Php`

Controlled network in absence of the network administrator & made new configurations and features to network.
Assemeber Linux server as router for all traffic.
Made accounts for all 40 employees and put them in jail and setup fail2ban to avoid bruteforce attacks (security measures)
Configured sftp for file sharing
Configure many software for network monitoring (such as ntop, iptraf etc)

`Linux Ubuntu`
`network monitoring`
`account administration`
`chroot and jails`
`ssh`
`sftp`

v. Software Enigneer in Tricast Services Pvt Ltd (a U.A.E based company in PK)(6 months Contract)

Chat module and application optimization for one of the largest mobile application in Pakistan - "Cricket Companion" (Pasha award winning application)
- Successfully created chat module .
- Performance optimization & refactoring of MySQL database structure.

`JavaEE`
`Struts 2`
`MySQL`

vi. IT and Systems Executive in CCAPS. (2 years)

Computer lab management
Managed a computer lab of 40 computers, administration, networking,
software development in variety of languages, backups and all other I.T affairs.

`Lab Maintenance`
`Network Management`
`Software Development`

Managing a Linux VPS since 1 year with
apache web-server, tomcat web-server
maintainingInspircd IRC chat server
made website for IRC server http://open-pages.com

`Java EE`
`Linux`
`CSS2`
`xhtml`

Website for a chat server
Besides the usual home page and css layouts, its a web page for users of a chatting group, comprising a comments submission page that authenticates users by database and then publishes their comments on the web (after storing them on the database).
This web uses the modern conventions of separation of presentation layer, business logic, and database layer (MVC)

`Java EE`
`JSP`
`Servlets`
`JDBC`
`MySQL`
`CSS2`

Accounts Software Modules
Setup Wizard, Sales and Purchases with Chart of Accounts Management.
Database verification, information collection, creating database, tables and initializing schema. Adding and viewing chart of accounts. Sales,Purchase and Stock management

`JavaFX`
`JDBC`
`MySQL`
`Collections`

Advanced IRC Bot for mass messaging
Based on a proxy:port list, nick list and channel list. Connects several integrated bots with different nicks and proxies, get chatter nicks and messages them in integration (amongst multiple active connections)

`Java SE`
`Threads`
`IO Streams`
`Collections`

Student Assignment Submission System
Comprising of a client and server application. Student connects to the with its IP and asked to submit credentials and project text file. The server then receives, verifies and saves the text and credentials following a confirmation reply to the client.

`Java SE`
`IO Streams`

Ethical hacking and penetration tests.
Research and practice on networks and computers for vulnerabilities. How to exploit them and how to protect against them.
Many tools like nmap, Cain & Abel, John the ripper, Nessus, DDosers, flooders, RootKits, worm, etc

`Networking`
`Scanning`
`Sniffing`
`DOS attacks`
`Vulnerability assessment`
`Many Others`

vii. Software Developer Trainee in Camba.tv Faisalabad. (1 month).

- Research and software development for camera specific alert streams.
- Research and software development on image viewing applets.

`Java`
`C#`

Video viewer for IP Cameras for http://Camba.tv
Made a video out of jpg images live and in real time with multi-threading

`JavaFX`
`Applets`
`Threads`

Current Projects & Plans

i. Making a web site similar to stackoverflow.com forum site.

Trying to get forum and chat features in integration.

`Java EE`
`Spring`
`Hibernate`
`PostGreSQL`
`HTML5`
`CSS3`

ii. Polishing current skills and adding more. This never ends.

Getting further grip on Spring, Spring AOP (aspect oriented programming, Hibernate and all other skills I have.

`Spring`
`Aspect oriented programming`
`Hibernate`
`All other skills`

Personal Details

Year of birth	1984
Marital Status	Married