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# Muhammad Asif Ali Kolachi

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32 yo - Married - PECHS 6, Karachi, Pakistan.

**Solutions Architect, DevOps Engineer, Experienced Manager, Web Developer, UI/UX Enthusiast, Freelancer, Contractor and Educator**

NED University of Engineering and Technology (2007-11), Karachi. Pakistan

**7** years of professional experience in identifying solutions to complex business problems, proposing, implementing and delivering them. Hands-on experience in analysis, design, development and project management. Well-versed at leading cross-functional teams for New Product Development, Product Management, Security, DevOps, Cloud, QA, and Application Modernization.

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## Major Projects

### YumYummi - Digital School Menus

Web - Android - Apple - Digital Menu Boards  
PHP - Java - Objective C - React Native - React JS - JavaScript  
Monolithic + API Centric Architecture  
Advanced Git, Semi Automatic Build and Deploy  
3rd Party Nutrition Management Systems' API Integrations

[Home Page](#)      [Play Store](#)      [Apple Store](#)  
[Desktop App](#)      [Digital Menu Board](#)

### Indolj - Restaurant Management & Digital Signage

Web - Mobile - Linux Desktop - Custom Hardware  
Linux - Python - Shell - PHP (Yii) - Javascript (Phonegap) - Firebase  
Indolj Player > Digital Signage System - RESTful API - Offline Sync - Screen Builder - Remote Support  
Cross Platform Mobile Apps - Marketplace, Whitelabeled, Restaurant App  
Advance Git - Semi Auto Build, Deploy and Versioned Distribution  
Distributed, Monolithic and API Centric Architecture

[Home Page](#)      [Landing Page & Ordering](#)  
[Screen Demo 1](#)      [Screen Demo 2](#)

### Sabalytics - Google Ads Analysis & Optimization Tool

AWS EC2, S3, CodeCommit, CodeBuild, Amplify, Google Ads API

Node / React JS, Shell Script, PHP (Customized CI)  
Git Version Controlled, Automatic Build and Deploy  
Completely RESTful API Centric Architecture

[Screen Shot](#)

### **Symbios - Ecommerce Portal**

PHP (OpenCart), MySQL across a Synchronized Distributed Architecture  
Optimizations for High Availability  
Integrated Sub Systems (Orders, Call Center & Sales, Complaints, Dispatch & Shipping)  
Shipping Integrations - TCS, Leopards, Blue Ex, OCS  
Payment Integrations - Jazz Cash, Easy Paisa, Sim Sim, PhonePay, Keenu

[Home Page](#)

### **Urban Living - RETS & MLS Property Listing**

Real Estate Transaction Standard + Multiple Listing Servers integration  
Developed MLSi (Interactive) Wrapper System for:  
· Unification of different RETS Standards into uniform one  
· Allow any WordPress system to list properties matching any criteria from anywhere in US  
PHP (WordPress), MySQL, PHRETS  
Custom WordPress Plugin, Backend Modifications, Property Mgt and Review System

[Home Page](#)

[Home Page \(NEW\)](#)

## **Professional Experience**

### **Professional Background**

Solutions Architect & DevOps Engineer

2016-Present

- ▶ Leading development and operations processes inside team
- ▶ Developing CI/CD roadmap and implementing to the project
- ▶ Introduced and implemented test driven programming
- ▶ Play a significant role in establishing operational processes for a fast-growing distributed cloud platform.
- ▶ Improve deployment process within AWS (ex. automated build and deployment).
- ▶ AWS services administration: IAM, VPC, Route 53, EC2, S3, CodeBuild, CodeDeploy, RDS, CloudWatch
- ▶ VCS: Git w/ Bitbucket

- › Docker
- › Scripting: Shell, Python, NodeJS, PHP
- › JIRA, Trello, Slack
- › Develop and automate standard operating procedures around common failure scenarios.
- › Monitor, analyze, and report performance statistics for cloud and conventional hosted environments.
- › Develop application performance management to measure and act upon performance data. (New Relic)
- › Consult and contribute to system architecture.
- › Develop application features and improvements.
- › Write clean, well-documented, and resilient code.

Programming Director & Project Manager

2014-2016

- › Lead a team of development, quality assurance and designers in development in-house products YumYummi and Indolj
- › Introduced and Operated Scrum, ScrumBan and Extreme Programming Methodologies
- › Implemented Extreme Programming practices with peer review, pair programming
- › User Stories based on the requirements gathered from all the stake holders
- › Agile and Scrum meetings, Sprint Planning, Daily Scrums or Standups, Sprint Check-In, Sprint Review & Retrospective
- › Operated 1 and 2 Week Sprints, Sprint Burn-Down Reports, Poker Planning
- › Coached team in optimal time utilization through concepts of scrum and agile management methodologies
- › Implemented Git VCS with branching strategies, multiple environments, distributed development teams
- › Manage project timelines and communicate with partners and clients off-shore weekly to ensure project progress satisfactorily

## Symbiosis Technologies

Team Lead

2011-2014

Project Manager

2014-2016

Backend & Frontend Developer

2008-2011

Web & Graphics Designer

2007-2008

## Skillset & Tools

### Technical Skills

Operating Systems

Linux - Mint, Ubuntu, CentOS

Cloud

AWS CLI, EC2, Beanstalk, S3, Route 53, CloudFront, Amplify

CI / CD

Advanced Git, Docker, Jenkins, AWS CodeBuild, AWS CodeDeploy, Shell Scripting

Databases

MySQL / MariaDB, Amazon RDB, MongoDB

Paradigms	Object Oriented Programming, Funtional Programming
Languages	NodeJS / Javascript, Python, Shell Scripting, PHP
Frameworks	ReactJS, ExpressJS, Codeigniter, Yii, Laravel, Bootstrap
Agile Methodologies	Scrum, KanBan, ScrumBan, Extreme Programming
Code Management	Advanced Git - BitBucket / GitHub / AWS CodeCommit
Project Management	JIRA, Teamwork, Trello
Others	RETS/MLS, SASS, Advanced jQuery, Composer

## Functional Skills

Fluent in English and direct client communication

Cross-Functional supervision, collaborative leadership, confident decision making

Resource planning, team building, mentoring and training

Requirement Analysis, Estiamtion and Project Scheduling

Database Design, System Migrations and Integrations

Handeling projects with Git powered de-centralized collborative development

Implementation of Agile framework methodologies

Architecting systems across multiple platforms

Engineering and Re-engineering of software development methodologies

Recruitment and maintaining team discipline keeping morales high

## Education & Qualifications

### Amazon AWS Certified Solutions Architect

Ryan Kroonenburg, A Cloud Guru. (Udemy)

In Progress - 45 of 121 (33%) Completed

### Master in DevOps : Docker Jenkins GIT CI Pipeline

LevelUp360° (Udemy)

In Progress - 5% Completed

### BE Computer and Information Systems

NED University of Engg. & Technology. Karachi, Pakistan

2007-2011

### Masters in Business Administration - ERP

PAF Karachi Institute of Engg. & Technology.

2013-2015

### Certified Software Quality Professional

Pakistan institute of Quality Control, Karachi, Pakistan.

2011

# Interests & Hobbies

Participate in community

Biography, Sci-Fi and Ghost Hunting

Design motivational graphics and posters

Learning Science, Cosmos, Technology & History