Muhammad Afnan

Fullstack Developer - Web / DevOps / GitOps / Android

Software Engineer having more than 5+ years of experience and expertise in Web Development & Mobile App Development. Hands-on experience in the areas of Requirement Analysis, Design, Development & integration with existing systems and Implementation of large-scale applications domains included E-Commerce, Travels & Tourism,GIS, Government Department Power Sector, Space Technology, COMSATS. Implemented DevOps resulting in 50% faster deployment time with in-house team using Microservice Architecture & DevOps Tools.

✉ hmafnan3@gmail.com   ☎ +92 3319425500   📍 Lahore, Pakistan

in linkedin.com/in/afnankhattak   🌐 afnankhattak.github.io   github.com/afnankhattak

Work Experience

Assistant Manager Software (DevOps)
National Transmission & Dispatch Company
Ministry of Power Division

03/01/2022 to Present - 1 Year - 7 Months
Achievements/Tasks

- Work on World Bank funded Project at NTDC comprising of 15,000+ employees w.r.t ERP/ICT program with Siemens, Systems Limited & PWC (PMQA) having a PMO of over 50 resources spread all across 150+ locations
- Responsible to connect with consultants, vendors to get project requirements and understand the business requirement to prepare RFPs, FSDs and TDDs
- Preparing monthly development progress reports and conducting weekly status meetings to update the project progress
- Work with Systems Limited & PWC on Enterprise Content Management (ECM) to store documents and departmental portals using Microsoft Sharepoint
- Work with SIEMENS & Systems Limited to store SAP ERP documents/content in Microsoft Sharepoint using SAP PI/PO & Sharepoint .Net Rest API
- Integration of 3rd Party application SCADA, Billing & Recovery Management System etc with SAP ERP using SAP PI/PO
- Implemented DevOps resulting in 50% faster deployment time with in-house development team
- Trained more then 500+ employees on office automation as part of change management

Web & Application Developer
National Center of GIS & Space Application
Institute Of Space Technology

02/04/2021 to 02/01/2022 - 9 Months
Achievements/Tasks

- Worked as a full stack web & app developer and developed complete website from scratch as per business requirement and integrate with existing functionalities.
- Responsible to conduct the UAT sessions with client and incorporate the changes.
- Responsible to hand over the technical and application knowledge to train the end users.
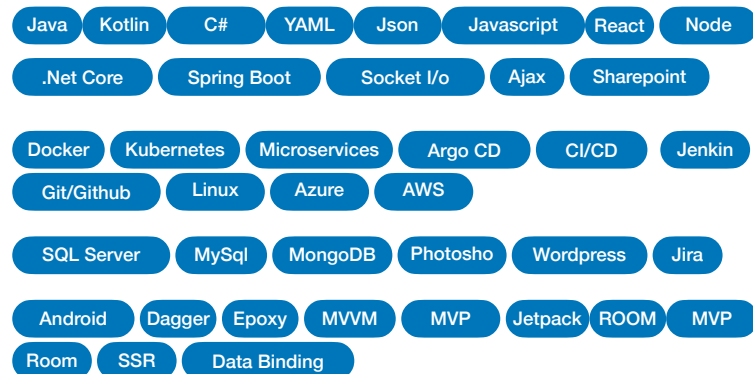
Web & Application Developer
COMSATS Software Solutions Islamabad
COMSATS Islamabad

29/06/2020 to 01/04/2021 - 9 Months
Achievements/Tasks

- Worked as a Lead Android Developer & Backend team member on multiple Government and International projects for Europe, UAE
- Implemented standard development practices to improve maintainability and extendability of applications
- Developed application from scratch using MVVM with Single Activity architecture , Rest API Integration
- Responsible to manage the complete SDLC from development and QA side
- Led the team, mentored resources and grew the team
- Migrated legacy code base to Kotlin
- Integrate apps with Rest API, Google Location/Map API, Firebase & payment gateway Stripe & Paypal

Skills

Java | Kotlin | C# | YAML | Json | Javascript | React | Node

.Net Core | Spring Boot | Socket I/o | Ajax | Sharepoint

Docker | Kubernetes | Microservices | Argo CD | CI/CD | Jenkin | Git/Github | Linux | Azure | AWS

SQL Server | MySql | MongoDB | Photosho | Wordpress | Jira

Android | Dagger | Epoxy | MVVM | MVP | Jetpack | ROOM | MVP | Room | SSR | Data Binding

Key Highlights

- ✦ Overall 5+ years of experience in design, development, test Web Applications, Native Android Apps
- ✦ Staying up-to-date with emerging trends and technologies in DevOps and cloud computing & install & configure Kubernetes using Kubeadm on AWS VM & deployed web application using multiple tools i.e Github for Version Control, Jenkins for CI/CD, Docker for containerisation, Kubernetes as container orchestrator and ArgoCD for GitOps to monitor the cluster & continuous delivery
- ✦ Experience of designing and developing tiered web applications following Agile practices on Microsoft .NET framework using C# Web API, Spring Boot, NodeJs Micro-services, Kubernetes, Docker, CI/CD, Jenkins, GitOps, ArgoCD, Linux AWS,Postman, Swagger/ OpenApi, Version Control Git/Github
- ✦ Proficiency in Java, C#, NodeJS, React, HTML/CSS, Bootstrap HTML5, jQuery, JavaScript, JSON, Rest APIs, Sharepoint, SharePoint Designer Workflows 2013, PowerShell, SQL Server, MYSQL, MongoDB
- ✦ Proficient in developing Native Android Apps using Java/Kotlin, MVVM, MVP, Dagger2, Retrofit, XML, two-way Data Binding, Navigation Components, SQLite, Room,Google Maps,Server-side Rendering (Epoxy Airbnb), API Integration, Payment Gateway Integration with PayPal, Stripe, Network International, Firebase, WebSocket, Socket IO
- ✦ Performing customization by way of coding and debugging
- ✦ Experience of working in sprints and release, managing sprint backlog, sprint planning and retrospective meetings to improve deliver
- ✦ Having development experience in different Middle East ,Europe, Public and Private sectors including E-Commerce, Travels & Tourism, Health Care, Real Estate, Corporate and Government Departments (Power sector, Space Technology & COMSATS)
- ✦ Familiarity with attending client meetings, handling user requirements, and bug fixing
- ✦ Excellent Communication, Collaboration, and presentation skills
- ✦ Excellent analytical and problem-solving skills

Web & Application Developer
Cosmosoft Business Solutions Lahore
01/02/2018 to 14/06/2020 - 2 Years 4 Months
Achievements/Tasks
- Responsible to develop & manage the projects development team working as onsite & offshore within the estimated timeline with multiple projects from Middle East
- Collaborated with cross-functional team to implement new features
- Proposing efficient and scalable solutions for client requirements
- Responsible to conduct the UAT sessions with client and demo the incorporated changes

Web & Application Developer
KPK Travels Dubai UAE - onsite
01/01/2019 to 24/08/2019
Achievements/Tasks
- Developed new features for existing Android applications used on phones and tablets, worked with developers to develop top tier solutions for Airline customers
- Successfully Integrated App with Travel Port REST API
- Developed application that are compatible with Android versions 6 and above

Mobile App Developer
800-Pharmacy Dubai UAE - onsite
25/08/2019 to14/06/2020
Achievements/Tasks
- Designed and built e-commerce pharmacy applications from scratch for Android platform, and collaborated with cross-functional teams to define, design, and launch new features and successfully deployed to playstore with 50k+ downloads
- Design and develop a large-scale E-Commerce, visually appealing, modular Android application capable of integrating multiple custom libraries and securely uploading data to servers asynchronously on a frequent periodic basis
- Successfully deployed an app on the Android App Store and supported the app for multiple Android OS releases
- Developed and tested push notifications functionality
- Collaborated with design team to develop a new user interface. resulting in a 30% reduction in user error

Internship / Part-Time Job

Android Trainer
Zabeel International Institute Dubai - onsite
10/05/2019 to 03/01/2020
Achievements/Tasks
- Trained 100+ trainees & taught complete advance android app development course and integration with backend API & Firebase

Android Internee / Part Time Job
ZTABS Enterprise Solutions Abbottabad - Hybrid
10/01/2016 to 03/03/2017
Achievements/Tasks
- Worked on existing apps small-medium projects from freelancer US base clients and company products

Trainings / Workshops

- **DevOps Training**
  Dice Analytics 8 Weeks/Online

- **Full Stack App Development - Onsite**
  KP IT Board Peshawar - 3 Months/Onsite

- **Web Development**
  COMSATS IT Center - 2 Months/Onsite

- **Mobile App Development**
  ZTABS Enterprise Solution - 2 Months/Onsite

- **Galileo for Travel Professional**
  Travelsport UAE - 3 Days/Onsite

Education

BS Software Engineering
COMSATS University Abbotabad   *March 2014 to March 2018*

PROJECTS

ECM, E-Governence & Portals - Government
National Transmission & Dispatch Company
- Back-end development using C# with and .NET Core Web API frameworks & Sharepoint using 3-tired architecture (WFE, App, DB).
- Created custom site templates, web parts, workflows and manage Active Directory, database modeling utilizing SQL Server

NCGSA Website & Content Managemt System
National Center of GIS & Space Application
- Worked as full stack web & app developer and develop & maintain company website from scratch using React, .Net Core, SQL Server

800-Pharmacy E-Commerce App - Medicine Delivery
Marina Group of Pharmacies Dubai UAE - Onsite
- Design & Developed E-Commerce App where customer can view products, order medicine and track order on real time
- Integrated location based services using Google Maps API to display locations of Riders & real time tracking using socket.io
- Worked with Firebase and implement push notifications on apps
- Worked on Google Maps API for location tracking ,places API
- Experience with offline storage, threading, and performance tuning
- Integrate App with Network International Payment Gateway

KPK Travels App - Travels & Tourism
Akbar Group of Travels Dubai UAE - Onsite
- Worked onsite on UAE based travel app as full stack developer on existing application using Java,MVP, Dagger2, Room and integrated with Travelport Rest API ,fixed bugs & add new features
- Design, Developed Rest API using Spring Boot for app integration

Rightmove Real Estate App UK - Sell & Buy Property
COMSATS Software Solution - Offshore Development
- Developed UK based complete Real Estate application from scratch where customer can buy, sell & rent property by using Kotlin, MVVM, Dagger2,Firebase,
- Design & Developed Rest API using Spring Boot for app Integration
- Integrate apps with Rest API, Google Location/Map API, Firebase

Dreamshopping E-Commerce App - Android
COMSATS Software Solution - Offshore Development
- Add new features to existing e-commerce app, fixed bugs and improving application performance
- Integrate app with Rest API, Google Location/Map API, Firebase
- Successfully integrated app with payment gateway Stripe & Paypal

Shipster - Delivery Management Software
COMSATS Software Solution - Offshore Development
- Developed complete delivery management application (Web & Android) with real time tracking drivers and order management
- REST API development using Node Js, Express Js for external app integration, React for Frontend, MongoDB as database
- Developed Android App for Driver & Customer App using kotlin, MVVM, Room, 2 way data binding, Dagger 2, Room, SQLITE, Firebase and real time tracking using Socket.io & API Integration

SARP - ERP Integration
Cosmosoft Business Solution Lahore - Onsite
- Design & Customize existing web application using ASP.NET MVC, SQL Server and mobile app using XML, java, SQLite

Invoice Quickly Web App - SaaS based invoicing
ZTABS Enterprise Solution USA - Offshore Development
- Invoice Quickly is a SaaS based invoicing platform which helps freelancers, small/medium sized businesses and self-employed people create and send invoices
- Design and Develop Rest APIs using ASP.NET MVC for external application integration

Profile App - Implementation of DevOps Tools (R&D)
- Developed a personal project containing dockerized images for different types of applications and the best practices for creating docker images deployed to AWS Clouds using DevOps/GitOps tools like Git, Github, Docker Containers, Jenkins, Kubernetes, Helm, Terraform & ArgoCD