

SUMMARY

Outstanding Java Developer and talented Software Engineer with proven expertise in object-oriented analysis & design and exceptional record overseeing all facets of Software Development Life Cycle from requirement definition, domain analysis, prototyping to development, deployment and maintenance.

EMPLOYMENT

Application Designer LMKR, Islamabad Apr 2017 – Present

- Created new features for DecisionSpace Integration Server (DSIS) using **Java, Hibernate, PostgreSQL**
- Added SSL support in DecisionSpace Integration Server using **Java Keytool** and **OpenSSL**
- Migrated 20+ projects from svn and **Ant** based build system to **Git** and **Maven build system**
- Automated deployment with continuous integration and continuous delivery tool **Jenkins**
- Created installer for automated installation of DecisionSpace Integration Server using **platform neutral Ant scripts, InstallAnywhere** and **Install4j** installer building tools
- Created new features in NextGen Web Framework using **Angular 4, NodeJS, Bootstrap, HTML5, CSS3**
- Good experience of working in **Remote Teams** with **Agile** software development (Daily **scrum** meetings, Bi-weekly **iterations**)

Software Engineer Global Rescue (Grid Systems), Islamabad Jul 2013 – Apr 2017

- Lead developer of *GR Commission Engine (GRCE) Project*. Frontend developed in AngularJS, interacts with backend server via GRCE restful API's written in Java. Modern Design developed using **HTML5, CSS3, Bootstrap** and **AngularJS** frameworks. Backend developed using **Java EE, EJB's** and **Hibernate framework with SQL Server Database**.
- Integrated *Exigo* Multilevel Marketing system API to dynamics, via **C# Dot.Net**, to provide up to date enrollment, trees, volumes, ranks and commission information via Mobile Apps and GR Direct portal.
- Created new features in main company product named GRID. Played vital role on numerous projects, utilizing Java, Java EE, JSF and Hibernate framework.
- Written different Java and C# based **RESTful Web Services** for multiple mobile apps.
- Lead developer on GR iOS Apps, developed many new features in GR Consumer, Corporate and Ops app.
- Implemented WebRTC Based Multiparty Audio/Video Conference in GR iOS and Android mobile apps.

EDUCATION

MS(CS) NUST – SEecs, Islamabad Aug 2015 – Dec 2018

- Master's Degree in Computer Science from National University of Sciences and Technology, Islamabad
- *CGPA 3.00 out of 4.00*

BS(CS) NUCES – FAST, Islamabad Aug 2009 – Jul 2013

- Bachelor's degree in Computer Science from National University of Computer and Emerging Sciences, Islamabad
- *4 years Honors Degree – CGPA 3.45 out of 4.00*

LANGUAGES, TOOLS AND TECHNOLOGIES

- *Languages:* **Java, C#, Objective C, Swift, C++, PHP, HTML5, CSS3, JavaScript, SQL**
- *Frameworks:* **AngularJS, Bootstrap, JSF, Java EE, Hibernate, Maven, Asp.net, JBoss, Wildfly, JQuery, WordPress, Laravel, Apple Maps, Google Maps, Android/Apple Push Notification Services, WebRTC**
- *Software:* IntelliJ IDEA, **Eclipse**, Visual Studio, XCode, Android Studio, **GIT Source Control, TFS, JIRA, Confluence**
- *Databases:* MySQL, PostgreSQL, SQLite, **MS SQL Server**
- *Cloud:* **Amazon web services (AWS), Jenkins**
- *Mobile & Desktop OS:* iPhone, Android, Windows, **Linux**

TECHNICAL EXPERIENCE

Projects

- **SSL support in DecisionSpace Integration Server (DSIS)**
 - Added SSL support in main console and different plugins of DecisionSpace Integration Server
 - Provided detailed documentation for generating and using self-signed certificates
 - Provided instructions to use Certification Authority issued certificates
 - Added support in installer to automate SSL related wildfly changes
 - Developed using: Ant script, Java Keytool, OpenSSL
- **DecisionSpace Integration Server Features development**
 - Added multiple new features in DecisionSpace Integration Server
 - Developed using: Java, Java EE, Eclipse, Hibernate, PostgreSQL
- **Projects migration to Git and Maven**
 - Migrated more than 20 projects from svn and Ant based build system to Git and Maven build system
 - Automated deployment with continuous integration and continuous delivery tool Jenkins
 - Developed using: Git, Ant, Maven, Jenkins
- **Created installer for DecisionSpace Integration Server**
 - Created installer for automated installation of DecisionSpace Integration Server using platform neutral Ant scripts, InstallAnywhere and Install4j installer building tools
 - Automated SSL installation via Ant scripts
 - Developed using: Ant, InstallAnywhere, Install4j, Shell scripts, Batch scripts
- **NextGen Web Framework**
 - Added multiple components in NextGen Web Framework
 - Implemented dataviewer, transfer and cart screens
 - Developed using: AngularJS, Typescript, NodeJS, Bootstrap, HTML5, CSS3
- **GR Commission Engine (MLM Software)**
 - Fully functional frontend for GR Commission Engine.
 - Admin users are able to login, perform CRUD operations on GBO's and Members, orders and items, see periods, volumes and ranks for GBO's
 - Run and accept commission previews
 - Manages customer trees, volumes, ranks and commissions. Send weekly and monthly payouts to GBO's
 - Developed using: AngularJS, JavaScript, Bootstrap, HTML5, CSS3
- **GR Commission Engine Backend and Restful Web Services**
 - A special multilevel marketing commission management system developed in Java
 - Manages customer trees, volumes, ranks and commissions. Send weekly and monthly payouts to GBO's
 - Developed a RESTful API to get data from other systems and provide processed data back via same API
 - Developed using: Java EE, Maven, Eclipse, Hibernate, MS Sql Server, Git Source Control
- **Exigo API Integration**
 - Integrated Exigo MLM system API to dynamics, via C# Dot.Net
 - Used to provide up to date enrollment, trees, volumes, ranks and commission information to GBO's
 - Provides data to GR Direct iOS and Android mobile apps and GR Direct web portal
 - <http://www.exigo.com/>
- **Global Rescue Grid Application**
 - Developed a Web based Enterprise application in Java EE JSF framework
 - Lead developer on Grid Application Project
 - Developed many new features and maintained code
 - Project Modules that are developed by me: Destination Reports Module, Mass-communication Module, Mobile Device Communication/Live Chat Module, Events/Alerts Module, Alert Profiles Module, Country Code Selection, Country Code Selection, many more features
 - Developed using: Java EE, JSF, Maven, Eclipse, Hibernate, MySQL, Git Source Control
 - <https://grid.globalrescue.com/>

- **RESTful Web Services in Java and C#**
 - Created different Java and C# based RESTful Web Services for multiple mobile apps
 - Backbone of All Global Rescue Mobile apps
 - Created from scratch for use in mobile apps
 - Created complete documentation for all web services
 - Separate web service is used for each app with sophisticated access control
 - Developed using: C#, Dot.Net, Sql Server, Java EE, Maven, Eclipse, Hibernate, MySQL, Git Source Control

- **Global Rescue iOS Mobile Apps**
 - Developed three different iOS Apps with some shared code/functionality
 - Lead developer on Global Rescue iOS App, developed many new features in GR Corporate, Consumer and Ops Apps
 - Main App features: Mobile Control Center, Emergency signal & Response, Travel Preparation and planning, Real-time Travel intelligence, Event monitoring and Alerts, Traveler and Asset tracking, Mass Communication, Destination Reports, GPS-enabled Asset Tracking and Monitoring, Two-way In-app Messaging, Emergency Notifications, GPS-enabled Check-in, Family Monitoring, Management and Chat, Family Geo-fence Alerts and tracking, Audio/Video Chat, many more features
 - Communication with GR RESTful mobile web service for data synchronization
 - Developed using: Objective C, Swift, XCode, SQLite, Apple Maps, Apple Push Notification Services, Git Source Control
 - App store link: <https://itunes.apple.com/us/developer/global-rescue/id951556403/>

- **WebRTC Based Multiparty Audio/Video Conference**
 - Research, Development and Implementation of WebRTC on web and mobile platforms
 - Cutting Edge Video Conference Technology Implementation
 - Created a Web App for multiparty video chat
 - Created WebRTC TURN/STUN Servers
 - Integrated WebRTC based Video Chat in GR iOS and Android Apps
 - Developed using: WebRTC, JavaScript, Node JS, C++, SimpleWebRTC library, Signal Master library

- **Staging and QA Server Code Deployment (Code Manager)**
 - Worked as a Code Manager for Staging and QA Environment
 - Responsible for maintaining servers and new code deployments
 - Tools and Technologies used: Git Source Control, Maven, Java, Linux knowledge, Bash SH scripting

- More projects and detailed information available on my website <http://www.imranshafqat.com/>