HAMZA AHMED QURESHI

Objective

To work at an organization which allows me to work with state of the art technologies in the ever evolving world of computer science.

Education

B.S. Computer Science - *Lahore University of Management*Sciences (LUMS), Lahore, Pakistan

August 2011 – May 2015

Research and Professional Experience

Analyst Programmer, *Centegy Technologies Pvt. Ltd*, Karachi,
Pakistan

September 2015 – August 2016

- Worked at one of the top firms in the industry
- Worked on multiple enterprise level Java applications.
- Learned about software industry practices and specifications.
- Worked on enhancement of live applications.

Co-Founder, Lookout360, Lahore, Pakistan Oct 2013 – May 2015

- A web and mobile application inspired from the idea of neighborhood watch provides a simple interface to the public for reporting instances of crime.
- Lookout360 was conceived during Hackathon 2013 hosted by MIT Enterprise Forum and won the best startup award along with \$3000 seed funding.
- I designed the web application from scratch, secured partnerships with NGOs and integrated with rescue services to allow immediate action on the crime reports.

Freelance Android/Web Developer

January 2016 – Present

- Started freelancing for local and international clients.
- Currently working on a laundry service android application for a client in Australia.

Research Assistant, LUMS, Lahore, Pakistan June 2014 – August 2014

- Worked as a student research assistant in the Computer Vision department.
- The project was "2D Human Pose Estimation and Tracking in Nonoverlapping Cameras".
- I built the whole module of depth and lens correction using a DSLR and Microsoft Kinect.

Technical Skills

Languages & Frameworks: Java, C++, MATLAB, JavaScript, JQuery, SQL,

HTML, CSS, PHP, OpenGL, Bootstrap,

Codelgniter, Jekyll

Platforms: Windows, Linux, Web, Android

Software and IDEs: Intellij Idea, Eclipse, Microsoft Visual
Studio, Android Studio, Toad, DataGrip, Adobe
Photoshop, Adobe Illustrator, Coral Draw,

Cyberlink Power Director

Version Control: TortoiseCVS, Git

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Projects

ILAS

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Technical details: MVC framework, Oracle DB, SQL Server, Java, JSP, HttpServlets, JavaScript, JQuery, JSTL, HTML, CSS

- Worked in a team of five to create the "Individual life administration system" to facilitate the information gathering process and to automate the process of creating an insurance quote.
- This process reduced the paper work for the insurance firms and sped up the process by multiple folds; completing calculations in minutes which usually took days of manual work.

ILAS - Android

Centegy Technologies Pvt. Ltd

Technical Details:

Web Server: REST API, MVC framework, Java, Oracle DB

Android Client: Volley framework, MySQL

- Solely created the whole REST API from scratch to migrate the ILAS web application to android devices.
- Upgraded the backend service so the same Models and Controllers served both the web application views and Android application views (through REST API endpoints)
- Actively took part in android development outside my assigned role since due to project deadline.

GIAS (Group life module)

Centegy Technologies Pvt. Ltd

Technical details: Oracle DB, Java, JSP, Scriptlets, HttpServlets, HTML, CSS

- "General insurance and administration" enterprise application is currently deployed on 30 insurance companies worldwide.
- I worked on the "Group life administration" module of the application in a team of three and brought it online in a small time frame while concurrently working on my other projects.
- Provided support to clients after delivery of module

SPROJ (Senior year project)

LUMS

Technical details: Java (web), Android, MySQL, Google Maps API

- Created an automated "Garbage collection system" which allowed dynamic processing of requests.
- Created a client android application through which client could request the garbage service.
- Implemented the most efficient path algorithm with multiple vehicles and multiple depots.

Non - Technical Skills

- Intellectual Curiosity
- Openness to new experiences and technologies
- Persistence
- Project Management and leadership
- UX/UI designing
- Film making and Photo Editing
- 5+ year experience in graphic designing in Photoshop
- Trekking and exploration
- Visit hamza1592.github.io for a more detailed CV