Muhammad Haroon Maqsood

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Objectives

To develop my skills

Apply my current knowledge and skills for development

Gain expertise in programming

Education

MSC Advanced Computer Science (21-September-2014 -to date University of Hertfordshire United Kingdom)

Subjects Studied

Advanced Databases : (i) *Learned In depth understanding of how a database engine works* **(ii)** *Query optimisation* **(iii)** *Concurrency control* **(iv)** *Distributed database s* **(iv)** *Advanced Normalisation* **(v)** *NoSQL ,Big Data management skills.*

Programming Paradigms :

(i) *Learned Different paradigms of programming namely Quantum,Functional,Procedural,Imperative,Logic and the core differences between them and the actual mathematical and computational models governing these paradigms there weaknesses and strengths.and how the programming world is advancing towards new dimensions of programing.*
Languages Explored in this module include **(i)** *Haskell* **(ii)** *DrRacket* **(iii)** *Ruby* **(iv)** *Fortran* **(v)** *Simula* **(vi)** *PROLOG.*

Currently studying :

(i) *Software engineering practice and experience* **(ii)** *Investigative methods* **(iii)** *Professional Issues in computing.*

BSC(HONS) Computer Science (Forman Christian College university)(CGPA 2.9)

Subjects Studied : Include a wide list of computing courses such as

(i)Data Structures And Algorithms

(ii)Advanced Programming (JAVA)(C#)

(iii)Web Application development (JAVA)

(iv)Mobile Application Development (ANDROID OS)

(v)Database Systems

(vi) Software Engineering

Intermediate (Forman Christian College university)(first division)

Matriculation(St Anthonys High School)(first division)

Technical Skills

Programming Languages	*Java,C#,C++,CSS,AJAX,JSP,XHTML,Jquery JavaScript,Assembly,PHP,Node.js,Twitter Bootstrap.*
Tools	*Netbeans,eclipse,SVN,VSS,TD (Bug Tracker) ,Putty,WinScp*
Frameworks	*Android,.Net,MVC,Spring MVC,SOA,*

Internships/Experience

1.Tower Technologies private limited (1-July-2013 to 26-September-2013)
Worked on basic web applications using Spring MVC and simple MVC framewrok.
During My Time In Tower Technologies I worked on multiple websites and explored Spring MVC framework.

2.I2c Inc (26-September-2013 to 3-September-2014)
(i)Working on real time , N-tier , Multithreaded,Socket based Transaction Processing Application
(ii)Working on i2c's second generation Debit platform Capable of connecting to multiple Hosts
 During My Time Working in i2c I learnt to develop,manage,design N-tier Applications with horizontal scalability and Performance tuning of Java And SQL Code for enhanced and fast performance.
 Working in I2c equipped me with the essential skills of Group,and team work and also how to interact and work in unison in a multi team environment to achieve the goals required.

 3.BYCreative(19-January-2015 to date)
(i) Working on web design and backend development using Node.js and PHP ,AJAX,MYSQL . Currently built a portal for clients to view there assets and provide feed back on the companies work.

Academic projects

Final Year Project	*Map Based Android Application with server and hardware integration*
Mobile Application Development	*Music player,Freelance applications for projects such as restaurant apps etc.*
Web Application Development	*Web discuuussion blog*

Visual Programming	School management system
Compilers	Compiler for tiny java language
Object oriented programming	Address and phone directory
Data Structures	Bank simulation using priority queues
Programming fundamentals	Student GPA calculation system using file handling

Fields Of Interest

Java,c#,.net,android,mysql,pl/sql

Web application development

Mobile application development

Application development for desktop Computer

N-tier ,distributed,real time processinng applications

PHP

Co-Curricular

Excerise
Practising programing
Reading books

References

Mr Bilal Bajwa (Professor Forman Christian College University Lahore)