Sahil Kullar

Software Designer/Developer

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Profile

A keen developer with an eye for details and passion for writing clean and efficient code. A results-driven, customer-focused, articulate and analytical developer who can think "out of the box". Strong in design and integration problem-solving skills. Skilled in developing business plans, requirements specifications, user documentation, and architectural systems research. Possessing considerable knowledge of the development of Web/Mobile applications and having the enthusiasm and ambition to complete projects to the highest standard.

Experienced in:-

- Engineering web development, all layers, from database to services to user interfaces.
- Analysis and design of databases and user interfaces.
- Managing requirements.
- Implementing software development life cycle policies and procedures.
- Managing and supporting multiple projects.
- Highly adaptable in quickly changing technical environments with strong organizational and analytical skills.

SEO COMPANY - COVENTRY

Trainee Web Developer
June 2016 – September 2016

Worked as a part of a multi-disciplinary team, carrying out ad-hoc tasks as requested by the Manager. Had a specific brief to ensure the websites build for customer's precisely matched their requirements. Some of my duties were:-

- Wrote internal and external design specifications.
- Performed maintenance and updates to existing client websites.
- Participated in brainstorming sessions to come up with ideas.
- Worked on multiple projects simultaneously to a high standard.
- Addressed cross-browser compatibility issues.

HACKATHON AND COMPUTING SOCIETY (BCU) - BIRMINGHAM

Volunteer Java/Python Developer
May 2015 – August 2015

Responsible for working on a range of projects and also ensuring that all projects carried out comply with university standards and guidelines.
Some of my duties were:-

- Interacting with students to define project requirements and scope of the project.
- Educate them in Creating GUI Screen and implementing project logics for them.
- Helping students in compiling and running the project.
- Executing test cases and fixing bugs through unit testing.

Skills & Expertise

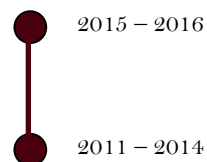| **Front-End**	**Back-End**	**Mobile**	**Database**
Html/Html5	Java/J2ee	Objective-C/Swift (IOS)	Microsoft SQL Server
Css/Css3	Python	Java (Android)	MySql
Javascript/jQuery	C#		OracleDB
AngularJS			

Education

2015 – 2016   **Master of Science (MSc), Computer Science**
Activities & Societies : HaCS (Hackathon and Computing Society), SAS Student Academy
Birmingham City University

2011 – 2014   **Bachelor's degree, Computer Applications**
Guru Nanak Dev University

Certifications

Complete Python Masterclass
Udemy

The complete Java Developer Course
Udemy

Java Fundaments, Generics & Collections
Pluralsight

Javascript/jQuery Fundamentals & Advanced Techniques
Pluralsight

Javascript Design Patterns
Pluralsight

HTML & HTML5 Fundamentals
Pluralsight

Advanced Java Programming For Web Development
Oracle

Java Programming Language using Java SE6
Oracle

Projects

Feb 2016 – May 2016

Java EE and Light Weight Spring Framework based Enterprise Application
Birmingham City University

The architecture of traditional Java EE suffers poor performance in developing and deploying Enterprise Application because of its heavyweight Enterprise Java Beans (EJB). Java EE is known for its complicated design and because of that the people are now moving to lightweight Java EE which comprises more responsive frameworks such as Spring and so forth.

The paper discusses about the best practices of utilizing Java EE by incorporating the lightweight Spring Framework and also the functionalities of Java EE were implemented and exploited in the process and development of airline enterprise application.

Sept 2015 – Dec 2015

Improving Performance of Healthcare Systems with Service Oriented Architecture
Birmingham City University

Healthcare systems are facing difficulties in managing a large and growing group of systems. The cost of maintaining, combining, integrating and acquiring these systems are growing and rising and the demand in system users are also increasing.

With Service oriented architecture (SOA) there is no need for re-engineering or designing of the existing system in fact with Service oriented architecture (SOA) existing system can be combined with new capabilities to build a collection of services that can be used as a part of solutions.

Jan 2015 – Mar 2015

Solve problem definition using various Algorithms
Birmingham City University

Developed various Algorithms such as Divide and Conquer, Backtracking, Dynamic Programming, Branch and Bound to solve given problem.

Feb 2015 – Mar 2015

Calorie Calculator – IOS app
Guru Nanak Dev University

The application allows a user to track the amount of calorie they consume in a day. The application has the ability to add calorie limit, which will be stored as a total, and the ability to set a limit and detect when the calorie limit is reached. The application has a history screen that allows a user to see the history of what they have entered, during the session. The application also allows the user to add or edit its own list of food items and their calories.

Feb 2014– Mar 2014

Hospital Management System – Windows based application
Guru Nanak Dev University

A windows based application called "Hospital Management System" is built using Core Java and JDBC supported by SQL server. The main purpose of this application is to register and store the patient details and doctor details and retrieve these details as and when required, and also to manipulate these details meaningfully.