SAGHER MEHMOOD

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Objective

Seeking a professional environment without any barriers, which can enlighten me in my professional growth. I am passionate and have a keen interest in Database management systems, networking and web development. I am also eager to learn big data and Deep learning technologies.

Technical Skills

- Programming and front end coding
- Web development and web design
- Familiar with Machine Learning and Big Data technologies

Languages:

Java, JavaScript, Python, HTML/XHTML, CSS, C/C++, Scala, PHP

Frameworks/ Libraries:

Spring Boot, Spring Data, Hibernate, Enterprise Java Beans (EJB), Java Persistence API (JPA), Java Server Faces (JSF), Apache Hadoop, Prime faces, Thymeleaf, Jquery, D3.js, Jnetpcap

Development Tools:

MyEclipse Enterprise, Spring Tool Suite, Git, Apache Maven, Mongo Shell

Databases:

 MySQL, Microsoft SQL Server, PostgreSQL, MongoDB

Distributed/Web Environments:

JBoss 7.0 / WildFly 10.0, Apache Tomcat 7.0, 8.0, LAMP.

Experience

Software Engineer   (Jan 2017 – Present)

Hive Worx Pvt. Limited.

Working as a software engineer on Java, J2EE, MySQL, SQL Server, Apache Axis, Hibernate, JSF

Intern   (Feb 2016 – Nov 2016)

Applied Security Engineering Research Group (ASERG), CIIT Islamabad.

Making use of T-eye platform feeds of Trillium Information Security Systems for final year project under supervision of Dr. Masoom Alam and Mr. Ali Hur at ASERG Lab.

Education

COMSATS Institute of Information Technology (2012-2016)
   Islamabad, Pakistan Bachelors of Sciences in Computer Sciences

APSACS Westridge III (2010-2012)
   Rawalpindi, Pakistan F.Sc(Pre-Engineering) FBISE

Projects

- **DBMS Export Component**

  A purely java based application which is integrated with an EPM tool to help project managers to export physical models from the databases. It covers 4 databases: MySQL, SQL Server, PostgreSQL and Oracle.

  Technologies used: JAVA, EJB 3, Hibernate, JPA, JSF, XHTML, MySQL, SQL Server, PostgreSQL and Oracle.
  Github Repository: https://github.com/Sagher/DBMS_Component_Export

- **Shadow-NET: Cross Platform Monitoring and Blocking System**

  Analysis of packets on the TCP layer and checking them with TRIAMS Threat Intelligent platforms feeds and logging them to DB and using that data to alert the network admin to help in securing the network.

  Technologies used: JAVA, Jnetpcap, MongoDB, log4j
  Github Repository: https://github.com/Sagher/Shadow-NET

- **Shadow-NET Dashboard**

  Web based Dashboard for the Shadow-NET. Providing real-time alerts and statistics.

  Technologies used: Spring Boot, Thymeleaf, Jquery, MongoDB
  Github Repository: https://github.com/Sagher/shadownet-spring-boot

- **Meta Data Tool**

  A replica of EPM tool to show the active project and their objects and properties and vice versa. Initially it was developed on MySQL database and then shifted to SQL Server.

  Technologies used: EJB 3, Hibernate, JPA, MySQL, SQL Server, JBoss Application Server
  Github Repository: https://github.com/Sagher/MetaDataTool