

# Mahmoud Allam

## Java/JavaEE Software Developer

Paoli, PA - Email me on Indeed: [indeed.com/r/Mahmoud-Allam/b5e021244c4e0bb1](mailto:indeed.com/r/Mahmoud-Allam/b5e021244c4e0bb1)

Talented Java/JavaEE developer with almost 6 years of industry experience providing key contributions to software development and implementation projects for diverse and often complex client needs. Skilled at detailing software and system requirements through ability to transform functional design specifications into succinct technical specifications. Adept at researching, analyzing and developing solutions to effectively target business needs. Experienced in developing and implementing application projects through entire software development life cycle.

• Java Application Development • Software Development & Implementation • Java Frameworks  
Technology Integration • Software Testing • Requirements Management • Web Programming  
Technical Specifications • Troubleshooting • Client Consulting • Team Collaboration.

Languages: Core Java, J2SE, J2EE

Frameworks: EJB 3.0, Spring, Hibernate, JPA, Web Services, JMS

Web: JSF, JSP/Servlets, Struts, Spring MVC, Ajax, HTML, CSS, JavaScript

Web/App Servers: Weblogic, JBoss, Apache, Tomcat, Glassfish

Databases: SQL Server 2000 & 2005, MySQL, Oracle 10g & 11g, IBM DB2

Tools: NetBeans, Eclipse, JDeveloper, Tool Suite SRS Toad, Start UML, Power Designer, SQL Server, MySQL, Dreamweaver, Photoshop

Platforms: Windows, Linux

Design Patterns: Proxy, Observer, Chain of responsibility, Strategy, MVC, Chain of command

SDLC: Waterfall, Agile-Scrum, Iterative

Willing to relocate: Anywhere

Authorized to work in the US for any employer

### WORK EXPERIENCE

#### Software Engineer

Vanguard - Malvern, PA - October 2014 to Present

##### Responsibilities

I am working as full stack software engineer in one of Vanguard project.

##### Accomplishments

- Added new modules to the project
- Fixed a lot of issues and implemented new requirements / change requests came from client.

##### Skills Used

- HTML/CSS
- Javascript
- JQuery / AngularJS
- Spring MVC
- Rest web services

## **Senior Java Developer**

ASSET TECHNOLOGY GROUP - Cairo, GA - 2014 to Present

ASSET TECHNOLOGY GROUP, Cairo, Egypt • 2011-2014

Senior Java Developer

Handled numerous internal projects for the largest software company in Egypt as well as external projects for major software companies as an outsourced resource. Performed analysis, design and implementation of solutions to meet customer requirements. Responded rapidly to new/changed customer requirements through strict organization of code and adaptability of application design. Clients included HSBC International Bank Global IT Services and Etisalat Egypt BI Telecommunication Team

Notable Projects:

- Trade Process Automation: Interfaced closely with a major bank's global IT services team on a project to automate all business work flows in the Trade Department including the Import, Export and Guarantees functions. Created an application to automate selected internal teams. Integrated the application with the Asset Jupiter product to archive the data.

Technologies: J2EE, JSF, Ajax, EJB 3.0, JPA, Oracle11g, Websphere 7, HSBC MKS

- Asset Jupiter Product: Played active role as a member of the Technology group on the development of the company's Jupiter Enterprise Content Management platform. Worked on the back-end team handling business layer and databases layer development. Implemented new business requirements and resolved all issues related to customer changes.

Technologies: JSP/Servlet, Struts, Ajax, EJB, SQL Server 2005, Oracle 10g, Oracle Workflow, JBPM Workflow, Application Servers (OC4J & JBOSS)

- RSD Revamping: Revamped an RSD tool and analyzed, designed and implemented all function requirements. Worked closely with a Business Intelligence/Business Analytics team to automate all business workflows for Data Warehouse teams with a focus on developing diverse modules for different business requirements.

Technologies: J2EE, JSP/Servlets, Ajax, Spring MVC, Hibernate, MySQL/Tomcat as application server

- HSBC / CBL-CDR (Central Bank of Lebanon - Central Des Risques): An application to generate the monthly Risk report. CBL-CDR application offers functionality to introduce further enhancements which will reduce efforts and facilitate definition of new limit types, products, and security types.

Technologies: J2EE, JSF, Ajax, Spring, Hibernate, Oracle11g, Websphere 7, HSBC MKS

## **Java Developer**

BLOCKS - Cairo - 2010 to 2011

Performed role of Java developer in the professional services department of a company delivering business solutions through partnerships with IBM, Intel, Microsoft and other vendors. Assimilated exceptional amount of knowledge of GWT over a 2 week period to play a strong team role on a key customer project.

Notable Project:

- Electronic Correspondence Management (ECM) System: Leveraged knowledge of FileNet, GWT, IBM-DB2, JavaScript, HTML and CSS to implement the functional requirements for an application that enabled trouble-free management of the entire correspondence handling process. Integrated IBM FileNet to build workflow.

## **EDUCATION**

### **Bachelor of Science in Computer Science**

Cairo University

## SKILLS

Servlets, JavaSE, Hibernate, Java, JSF, JSP, OOP, Design Patterns, JDBC, Java Enterprise Edition, EJB, Struts, XML, GWT, Tomcat Microsoft, SQL Server, JPA, Oracle, UML, Swing, MySQL, DB2, J2SE, J2EE, Servlets, SQL server, IBM, DB2, Agile Software process, Cloud Computing, Spring, Spring MVC, Ajax, JQuery, HTML, CSS, Java Script

## LINKS

<https://www.linkedin.com/in/mahmoudroushdy>

## CERTIFICATIONS

**Oracle Certified Java Programmer - Standard Edition 6**

**IBM Certified Designer / IBM Certified Developer - Cognos BI**

## ADDITIONAL INFORMATION

### ACADEMIC INITIATIVES

\* E-Bazaar Online Shopping System, Maharishi University of Management: Developed a desktop e-Commerce Admin platform for online shopping enabling users to manage catalogs and products. Partnered with 4 team members and used J2SE, JSF, JDBC and MySQL.

\* Bioinformatics Microarray Gene Prediction, Cairo University: Java developer on project using Genetic Algorithm (GA) with different classifiers techniques for Microarray Gene Prediction (MAGP) using colon cancer samples with software developed to predict affected genes. Worked with 4 team members to integrate modules into a complete application using J2SE, GA, SVM, GRNN and LOOV.

\* IEC Web Application, Cairo University: Acted as Java Developer and partnered with 3 team members to integrate all modules for an E-commerce website into a finished application enabling purchase and sale of products. Utilized J2SE, JSP/Servlets and MySQL.