**Seble Ay**

**Email:** [seble.ayn@gmail.com](mailto:seble.ayn@gmail.com)

**OBJECTIVE**: Actively seeking **flexible (remote) and permanent** opportunities that utilizes my background in various programming and database skills; gives me the opportunity to work with the latest and widely used front-end, back-end and service-oriented technologies; and allows me to excel in professional growth.

**SUMMARY OF QUALIFICATIONS**:

* **Oracle Certified Expert, Java EE 6 Web Services Developer (OCEJWSD6)**.
* **Sun Certified Java Programmer (SCJP).**
* **Highly interested in Service Oriented technologies.**
* 10+ years of experience in application development/maintenance using Java/J2EE technologies and full SDLC.
* Strong object oriented analysis, design and programming using agile development methodology/SCRUM.
* Strong communication skills and collaborates very well in a team environment.
* Detailed, result-oriented, conduct self-directed research and highly motivated to learn new technology skills.

**TECHNICAL EXPERIENCE:**

* Core Java, J2EE (JSP, JSTL, JavaBeans, Servlets, Web Service), JDBC
* Web Services: SOAP, WSDL, XSD, JAX-WS and JAXB
* XML technologies: XML, XQuery, XPath
* Web technologies: HTML/HTML5, JSP, JSTL, JavaScript, CSS,[AngularJS](https://angularjs.org/) Trained
* Enterprise Content Management (ECM): IBM DB2 Content Manager API
* Databases: MS SQL Server, Oracle, SQL Query, Mark Logic (NoSQL)
* Testing tools: SOAP UI, JUnit
* UML: MS Visio (UML Sequence diagrams)
* Frameworks: Spring MVC, Struts
* Building tools: Apache Ant / Maven
* Integrated Development Environment (IDE): Eclipse, JBOSS Developer Studio, IBM RAD, NetBeans
* Application Servers: JBOSS, IBM WebSphere, WebLogic
* Web Servers: Apache Tomcat
* Operating Systems: UNIX, Linux, MS Windows 2000/XP/7/8/10/Vista
* Version Control tools: Subversion (SVN), WinCVS, MS Visual SourceSafe (VSS)
* Document Sharing tool: MS SharePoint
* Integration tools: Jenkins/Team City CI Tools
* Defect Tracking tool: Application Lifecycle Management (ALM) / Rally
* Agile Methodologies: JIRA / CALT / Rally Task Tracking Tool, Crucible Code Review Tool
* Other tools: IBM Rational ClearQuest / BMC Remedy / MyService / Identity Access Governance (IAG)

**EDUCATION:**

**05/04: M.S. in Software Engineering**, Andrews University, MI, USA - <https://www.andrews.edu/>

Magna cum laude, GPA: 3.93

**WORK EXPERIENCE**:

**08/10 – Present:** **Senior** **Java/J2EE Developer**  CGI/CGI Federal, Fairfax, VA - <https://www.cgi.com/en/us-federal/services-solutions>

**Common Responsibilities:**

* Analyze client’s business requirements and provide reasonable development level of effort (LOE).
* Identify sprint task dependencies/task orders and provide inputs in sprint planning session using agile methodology.
* Participate in daily Scrum meetings for progress update on assigned tasks.
* Implement business requirements using industry standard coding and optimizing performance.
* Perform thorough unit testing and deploy code in lower environments.
* Work with functional/acceptance/performance testing team to analyze and resolve application defects/performance issue.
* Review and update client deliverable documents on MS SharePoint.
* Work with Admin (support) team to troubleshoot and resolve production issues in a timely manner.
* Collaborate with team members to resolve application issues or share the work load and cross train new members.
* Proactively communicate recommended resolution and potential issues/risks to team/product owner.
* Provide constructive feedback and lesson learned during spring review/ retrospective session.
* Engage in training on best practice trends, latest or industry standard technologies.

**Project Specific Responsibilities:**

* **Single Family Customer Engagement Technology (SFCET) project under Fannie Mae:**
  + Analyze and understand Fannie Mae Single Family applications overall interaction – System context diagrams, business flow, design & architecture documents and knowledge acquisitions documents.
  + Produce accurate Interface Control Documents that reflect the interaction between different applications.
  + Led the team effort in implementing Enterprise password vault (EPV), resolving SQL Injection security issue, Struts2 upgrade and browser compatibility for Condo Project Manager (CPM) web-based application.
  + Mostly used technologies include Core Java / J2EE (JSP, JSTL, JavaScript, Servlets, JavaBeans), Oracle SQL Queries/Toad, Paros tool, Struts Framework, JIRA / Rally, SVN, WebLogic server, UNIX/Linux and Eclipse IDE.
* **Medicare Appeals System (MAS) project under Centers for Medicare and Medicaid Services (CMS):** 
  + Used Enterprise Content Management (ECM) to structure documents needed to process appeals and claims filed by beneficiaries of Medicare services.
  + Developed and enhanced web application components for storing/viewing/retrieving/structuring documents, downloading file/ audio, converting documents to a different file format and printing documents using agile software development/Scrum.
  + Administered users’ access control level to determine users’ ability to view or modify documents.
  + Mostly used technologies include IBM DB2 Content Manager API, Web Services, Java / J2EE (Servlets, JavaBeans, JSP), Spring Framework, JIRA, SVN, IBM WebSphere server, IBM RAD.
* **Federally Facilitated Marketplaces (FFM - Obama Care) project under Centers for Medicare and Medicaid Services (CMS):**
  + Designed and implemented business and data Web Services for support of the Affordable Care Act (ACA) using agile software development/SCRUM.
  + Led the design and implementation of transaction logger service that logs every enrollment transactions including Benefit Enrollment and Maintenance (834) and Acknowledgement for Health Care Insurance (999) between users and issuers for HealthCare.gov. This has greatly helped management in identifying and understanding the root cause of complex issues and resolve data related issues.
  + Implemented a service and business rule (JBOSS Rule Engine) to determine [Advance Premium Tax Credit](https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=1&cad=rja&uact=8&ved=0ahUKEwi2gKb-3ZrTAhVI54MKHYRxCA4QFggaMAA&url=https%3A%2F%2Fwww.healthcare.gov%2Fglossary%2Fadvanced-premium-tax-credit%2F&usg=AFQjCNHEHhMIlVDX7IWQ6Eml3mQ3Y8AL2w&bvm=bv.152174688,d.amc) (APTC) eligibility of each member of the tax householder based on tax holder exchange eligibility, income range, Federal Poverty Level (FPL), etc.
  + Mostly used technologies include Java, Web Service, MarkLogic XQuery / XPath, SOAP UI / JUnit, Spring Framework, JIRA, SVN, JBOSS Rule Engine, MS Visio (UML Sequence diagrams), JBOSS server, JBOSS Developer Studio.
* **Rate and Benefits Information System (RBIS) project under the Centers for Consumer Information and Information Oversight (CCIIO):**
  + Developed and enhanced web application and data layer components designed to gather detailed Issuers product benefit/eligibility data and automate the data Submission, Validation and Attestation processes for Issuers.
  + Mostly used technologies include Java / J2EE (Servlets, JavaBeans, JSP), HTML/ XML, Web Service, JUnit / SOAP UI, Spring Framework, SVN, SQL Queries, MS SQL Server, MS Visio (UML Sequence diagrams), JBOSS server, JBOSS Developer Studio.
* **Case Review Management Information System (CRMIS) project under the Centers for Medicare and Medicaid Services (CMS):**
  + Developed application components for storing, retrieval and structuring of documents which are used to capture Medicare case specific financial data for better tracking and case review processes.
  + Mostly used technologies include Java, Web Services, IBM DB2 Content Manager API, SOAP UI / Junit, Eclipse IDE.

**06/04 – 08/10:** **Java Web Developer**

Evolver Inc. / McNeil Technologies, Alexandria, VA - <http://www.evolverinc.com/>

* **End-User Support project under United States Patent & Trademark Office (USPTO)** 
  + Served as a sole technical point of contact.
  + Maintained and enhanced existing mission-critical application used for tracking daily operations related to end user service for USPTO.
  + Designed and developed new web-based database driven applications, Time Tracking System, used to track working hours of temporary employees and to generate reports for payment purpose.
  + Prepared application development and user manual documents.
  + Installed and configured Web Server.
  + Administered SQL Server database including backups, SQL Agents jobs, recovery, security and performance tuning.
  + Technologies being used include Object Oriented Design, UML, Java, JSP, Servlets, JavaBeans, Struts, JavaScript, HTML/XML, SQL programming (queries, stored procedure, functions and triggers), JDBC/ODBC, Eclipse, UNIX and MS Windows 2000/XP.

**02/03 – 04/04:** **Web Master**

Andrews University, Berrien Springs, MI., USA - <https://www.andrews.edu/>

* + Designed and maintained web sites for the school of education.
  + Technologies used include C++, PHP, VBA, Perl, HTML, JavaScript, CSS, Resin/Jbuilder, Dreamweaver MX, Firework MX, Adobe Photoshop, MS Word, MS Excel, MS Access, MS PowerPoint, MS Visio, MS Project and MS Publisher.

**08/01 – 05/02:** **Graduate Teaching Assistant**

Andrews University, Berrien Springs, MI., USA, <https://www.andrews.edu/>

* + Assisted students in learning and debugging C++ programming language.