

SUMMARY

Highly driven and accomplished software engineer with over ten years experience in Java EE technology and middleware development and over two years experience in mobile technology. Seeking a challenging and rewarding software engineering role. Recognized as a valuable technical asset with strong problem-solving and communication skills.

SKILLS

Expert Skills (6-10+ Years)

Java, Java EE Middleware, Agile Development, Maven, XML, CSS, HTML, JavaScript, Servlet, Eclipse, IBM WebSphere Application Server

Strengths (4+ Years)

JSF, JSP, JPA, JAX-RS, Spring, Git, XML Schema, Relational Databases (MySQL, PostgreSQL)

Competencies (2+ Years)

Identity Management, OpenAM, OAuth, Docker, AngularJS, Android Development, iOS Development

EXPERIENCE

Senior Applications Developer SAS Institute | Cary, NC

2016.03.01 -
Present

- Currently serving as technical lead for SAS Profile, the identity management solution for SAS Institute.
- Currently designing and developing next-generation identity management platform for SAS Profile.
- Designed and developed numerous SAS Profile RESTful services to expand Profile usage throughout the company.
- Designed and assisted in initial development of AngularJS + REST UI for SAS Profile.
- Assisted in several integrations of third-party products with SAS Profile RESTful services.
- Assisted in several third-party Single Sign-On federations with SAS Profile.

Applications Developer
SAS Institute | Cary, NC

2014.01.01 -
2016.02.28

- Performed development duties for SAS Profile, the identity management solution for SAS Institute.
- Designed and lead initial development of Level 2 RESTful services for SAS Profile.
- Lead organization-wide effort to adopt Swagger documentation for REST services.
- Assisted in several integrations of third-party products with SAS Profile RESTful services.
- Assisted in several third-party Single Sign-On federations with SAS Profile.
- Lead migration of SAS Profile build from Apache Ant to Apache Maven.
- Lead migration of SAS Profile source control from CVS to Git.

Staff Software Engineer, IBM Watson
IBM | Durham, NC

2013.03.01 -
2013.12.31

- Designed and lead development of an innovative patient data visualization widget using HTML5 and Dojo.
- Performed web UI development duties for the IBM Watson for Healthcare initiative.

Staff Software Engineer, IBM Worklight
IBM | Durham, NC

2011.11.01 -
2013.02.28

- Served as IBM Worklight Customer Lab Advocate for Citi and Blue Cross Blue Shield of South Carolina.
- Designed and lead development for the Android implementation of a custom mobile encrypted data store for IBM Worklight 5.0.5.
- Lead development effort to completely replace existing IBM Worklight Hibernate persistence layer with Apache OpenJPA for IBM Worklight 5.0.

Staff Software Engineer, IBM WebSphere Application Server
IBM | Durham, NC

2008.07.01 -
2011.10.31

- Served as IBM WebSphere Application Server Customer Lab Advocate for Blue Cross Blue Shield of South Carolina.
- Co-designed and co-lead an effort to create an open source JavaServer Faces 2.0 tag library intended to replace IBM's existing JavaServer Faces Widget Library.
- Co-lead and performed primary development duties for an effort to bring JavaServer Faces 2.0 support to IBM WebSphere 8.0 via the open source Apache MyFaces JavaServer Faces implementation.
- Contributed many changes and fixes to the open source Apache MyFaces project and obtained committer rights.
- Performed development duties for the IBM WebSphere Application Server webcontainer, JSP, and JSF teams during the IBM WebSphere Application Server 8.0 release.

Software Engineer, IBM WebSphere Application Server

IBM | Durham, NC

2005.05.01 -
2008.06.30

- Co-designed and lead development on a major Java annotation processing subsystem for IBM WebSphere Application Server 7.0.
- Co-designed and performed development duties for the Remote Request Dispatcher feature for IBM WebSphere Application Server 6.1.
- Performed development duties for the IBM WebSphere Application Server webcontainer, JSP, and JSF teams during the IBM WebSphere Application Server 6.1 and 7.0 releases.
- Performed development duties for the core IBM WebSphere Administrative Console team pertaining to UI and server-side development during the IBM WebSphere Application Server 6.1 and 7.0 releases.

EDUCATION

North Carolina State University | Raleigh, NC

B.S., Computer Science *summa cum laude*

2000.08.01 -
2005.05.01

PATENTS

Granted twelve United States software patents with others pending. For a complete list, visit <https://curtishoward.com/patents.html>.

PUBLICATIONS

“Include remote files in your Web application seamlessly with the new Remote Request Dispatcher”

IBM developerWorks

2006.08.23

REFERENCES

[REDACTED]

Former manager

✉ [REDACTED]

[REDACTED]

Former team lead

✉ [REDACTED]