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SUN C. SIM

OVERVIEW

Ms. Sim is a seasoned Full Stack Developer with more than nine years of progressive experience in development of state-of-the art software applications.

Hard-working, results-oriented developer with strong, Java, Angula v6 /CLI and Angular Material, and Bootstrap experience. Skilled developer who is well acquainted with hardline and theoretical concepts of software engineering, and who seeks to create elegant, usable, accessible and responsive applications in a fast-paced, innovative environment. Motivated team player/leader with strong organizational and prioritization abilities. Ability and eagerness to learn new skills, tools, development kits, and frameworks.

US Citizen with current (active) DoD Secret Clearance, with active process upgrade to Top Secret.

SKILL SUMMARY

Technical

- Extensive experience in front-end design utilizing Angular 2.0+/CLI, Angular Material, Node/NPM, Typescript and Bootstrap
- *Tools & Technologies:* Strong knowledge & experience with Java, .NET, Puppet script, XML, JSP, JavaScript, jQuery, Ajax, Jooby, GIT, Jenkins, JFrog, Marvin. JSON, MediaWiki, Eclipse, NetBeans, Apache Tomcat, Cygwin, Subversion, IBM Content Management, IBM Workplace Form, JUnit, HTML5 & CSS3,Adobe Photoshop
- *Database Experience:* Microsoft SQL, IBM Db2 database, Blaze graph, SPARQL, Turtle,
- *Operating Environments:* Windows**,** UNIX/LINU

Process

- Experience working in an Agile Scrum product life cycle
- Experience with the semantic markup for display of: lists, tabular data, forms and articles
- Expertise in processes working thru Army AKO
- Excellent communication and teamwork skills
- 9+ years of full stack development experience

PROFESSIONAL EXPERIENCE

Full Stack Developer   **01/2015 to 03/2018**
Dynamic Technology Systems, Incorporated – Alexandria, VA

- Key member of a 7-member development team to develop the *Zero2Cloud*^(TM) product, a multifaceted tool and service designed to facilitate cloud migration, information systems management, and RMF/Authority to Operate (ATO) documentation automation.

- Developed automated script utilizing Puppet Script to apply STIGs to REDHAT 6 & 7 resulting in automated development of the POAM (Plan of Action and Milestones) to track/eliminate vulnerabilities.
- Configuration and deployment orchestration utilizing Puppet. Resulting in building a Virtual Machine (VM) with STIG application in three (3) minutes, changing ATO compliance from approximately 45% to approximately 90%.
- Developed portal front-end to automate virtual machine creation utilizing Angular.
- Developed database and queries utilizing Blazegraph and SPARQL.
- Developed a web service utilizing RESTful API with Jooby framework for Java.
- Wrote test scripts utilizing JUnit framework.
- Utilized Semantic markup for display of lists, tabular data, forms and articles
- Developed requirements as an integral member of the Business Group.
- Validated anticipated results as a member of the Test Group.
- Utilized Agile software development methodology. Participated in bi-weekly scrums.

Application Systems Analyst/Programmer   **03/2008 to 01/2015**
Dynamic Technology Systems, Incorporated – Alexandria, VA

- Developed the US Army Publication Records Tracking Application Program using .NET - implemented software related changes to the design of Government Web Sites and related content.
- Design and develop publishing records and tracking application for Army publishing Department (APD) and incorporate Developing applications in Web Sites.

Electronic Publications/Forms SGML/XML Analyst   **12/2003 to 03/2008**
Dynamic Technology Systems, Incorporated – Alexandria, VA

- Developed converted, upgraded and tested electronic forms using Adobe Form Designer, Adobe Filler, FormFlow and PureEdge Software.
- Reviewed and electronically produced Army-wide publications (administrative, doctrinal and technical) covering the full spectrum of Army functional and subject matter areas.
- Edited content, format, and organization of draft Army publications and submitted the completed document in electronic format for publication and distribution.
- Determined proper medium, series, electronic format and SGML/XML tag signature acceptability for DoD electronic publications.
- Evaluated graphics (illustrations, tables, and forms) for quality required for digitization.
- Scanned documents using optical character recognition (OCR) software techniques to generate searchable text in electronic format Digitized PDF files into designated subdirectories maintained in SQL 2000 database.

Research Analyst   **01/2001 to 12/2003**
Richmond Consulting, LLC – Amherst, VA

- Conducted research on Fuel Cell Power Generating Systems using the Internet and other sources.
- Conducted market analysis, generated sales projections, and performed trend analysis.
- Initiated market data tracking systems and downloaded updates.

- Utilized Microsoft Office products for scanning, image processing, and database development.

CERTIFICATIONS

- Oracle Certified Associate, Java SE 8 Programmer, Certificate # 256000994OCAJSE8

EDUCATION

- **JAVA, .NET, ASP, HTML, JavaScript, Angular 5, XML, SOAP, JSON, RDF, Microsoft SQL Server Database, Blaze Graph, SPARQL, AJAX, JQUERY, HTML5, CSS, Bootstrap, Puppet Script, Dreamweaver, Visual Studio.NET, Microsoft-Visual-Basic, Microsoft Transact SQL, Microsoft ADO.NET**
  Various Online Training Sites   January 2006 - Present
  (Udemy.com, TutorialPoint.com, VTC Online University, Oracle, Microsoft)

- **Concepts of Programming**
  Adult and Community Education   2005

- **HTML**
  New Horizons Computer Learning Centers - McLean, VA   January 2004

- **Bachelor of Science, Food Science and Technology**
  Kwang Won National University, South Korea   February 1990

SPECIALIZED TRAINING

- OPSEC Awareness for Military Members, DoD Employees and Contractors, US Army
- Cyber Awareness Challenge Training, US Army

CLEARANCE

- Active Secret Clearance, current Top-Secret upgrade underway.