Lead Software Engineer Lead Software Engineer Lead Software Engineer - Defense Information Systems Agency Oxon Hill, MD Mr. Fletcher is a seasoned Software Engineer with over twelve years of architectural, programming, development, and trouble-shooting experience with Java, J2EE, Servlets, JSP, REST, SQL, Tomcat, Enterprise Service Bus (ESB) and the Spring platform stack. His background includes Web Services Development within Service Oriented Architecture (SOA) Systems, with AGILE Methodology throughout development process, Extreme Programming, and usage of Test Drive Development (TDD). Mr. Fletcher has excellent communication skills, along with proven ability to lead effectively within a fast paced, team-oriented environment. SECURITY CLEARANCE   Clearance Type: Top Secret Date Granted: March 6, 2009 Investigation Type: SSBI Date Completed: December 2, 2008 Authorized to work in the US for any employer Work Experience Lead Software Engineer Defense Information Systems Agency December 2013 to Present Mr. Fletcher is lead primary Point of Contact (POC) and Subject Matter Expert (SME) with the Government representatives and Mission Partners, supporting the Defense Information System Agency (DISA) Defense Information System Network (DISN) Operations Support System (OSS) Common Communication Vehicle CCV. He is responsible integrating several high-profile projects into the DISN OSS including Storefront and Network Configuration and Change Management - Replacement (NCCM-R), GTMS Trouble Tickets.   His responsibilities include the following: Design a solution to replace a DISN OSS vendor non-supported ESB product. (Progress Sonic ESB version 7.6) ? Implement a location neutral, resilient containerized solution. (Docker on Red Hat Enterprise Linux RHEL servers) ? Design and implement cyber-security controls. ? Modernize service interface, replacing SOAP interfaces with REST. ? Design and implement service auditing, health status, and usage metrics. ? Design and implement service level Java Virtual Machine (JVM) clustering. ? Design and implement a user registration web site. ? Provide design, implementation, and functional documentation.   Configuration Management   Sustainment and Maintenance support Requirements Gathering   Program Trouble Shooting   Implementation Plan development   Oversees the day-to-day technical tasking related to each project   Schedules and Milestones Status Reporting   Subject Matter Expert   Environment: < GENE> add java technologies used

Software Engineer Project Lead Technica Corporation August 2008 to December 2013 Mr. Fletcher is the Project Lead for the Data Mediator Project. He has been responsible for managing the project by creating the Project Charter, WBS, and weekly status reports. Howard has also been responsible for developing the front-end and runtime of the Data Mediator Product, which includes presentations to management and flexibility.   His responsibilities include the following: Configuration Management document review   Requirements Matrix including tasks and deliverables Requirements change request   Program and Project Planning Process   Project Charter development   Oversees the day-to-day technical tasking related to each project   Schedules and Milestones   Status Reporting   Audit Reviews   Subject Matter Expert   Environment: < GENE> add java technologies Software Engineer May 2008 to August 2008 Mr. Fletcher has provided Technica and its customers with a variety of software engineering services including design, testing and validation support. Mr. Fletcher supported a Sonic SOA based software implementation at the Defense Information Systems Agency (DISA). He also supported the design and implementation of Data Mediator Map NG.   Environment: < GENE> add java technologies Sr. Application Developer IBM January 2004 to June 2007 Mr. Fletcher provided the IBM Printer Systems division with a variety of software and database development services. He was responsible for designing, and building an application that duplicated hundreds of thousands of IBM customer records supporting the buyout of IBM's printer business. Mr. Fletcher also designed and created an application used by service technicians to match customer inventory records with customer contracts and proposals to help prevent per call invoicing.   His responsibilities included the following: Interacting with Business Process Owner, gathering project requirements   Perform domain analysis using feature lists and use case diagrams   Design Java interfaces for reading from, and entering data into legacy host applications   Design Lotus Notes workflow forms   Design DB/2 database schemas   Create DB/2 database tables, stored procedures, triggers, constraints, primary and foreign keys   Design Web forms   Create test procedures   Design the application authentication and authorization process   Implement database persistence using EJB CMP entity beans and stateless session beans   Implement Java testing using junit   Implement Java logging using log4j   Implement

authentication process using LDAP   Participate in code reviews   Participate in user acceptance testing   Implement a Web Service for data entry and process monitoring   Create deployment files using for Websphere Application Server   Deliver the application on time and within budget Environment: AS/400, DB/2, Lotus Domino Server, Lotus Notes, WebShpere Application Server, Java EJB, Java Servlet, JDBC, Communication Manager, XHTML, Ajax, XML, CSS, InetSoft Style Reports, Tomcat 5.0 Application Developer January 1998 to December 2003 Mr. Fletcher provided the IBM System Support division with a variety software development services including design, testing and installation support. Mr. Fletcher was responsible for creating a number of workflow automation applications, which over time allowed IBM System Support to reduce its administrative workforce by more than 50 percent. These applications automated data entry into business process mnemonics. His responsibilities included the following: Interact with Business Process owners, gathering project requirements   Interact with Business Process team members, gathering feature lists for business processes   Interact with Data Application owners, applying proper access authorization   Perform data analysis   Design Lotus Notes workflow forms   Design Java interfaces   Implement email Web service   Implement application server security   Design DB/2 database schemas   Create DB/2 tables, stored procedures, triggers, constraints, primary and foreign keys   Create SQL queries   Create test procedures   Create audit process   Install and configure application servers   Install and configure database application   Install and configure TCP/IP   Install and configure workstations   Network workstations   Install and configure network firewall   Install and configure routers   Create user documentation   Participate in code reviews   Participate in user acceptance testing   Train team members and support organizations Environment: AS/400, OS/400, HTTP, Java, DB/2, OS/2, TCP/IP, Lotus Domino server, Lotus Notes, Windows 2000, Cisco router, Communication Manager, Tomcat, WebSphere Application server, Java Servlet, JDBC Education Business Administration Morgan State University 1983 Skills JAVA, SOFTWARE ENGINEERING, MYSQL, PHP, Git, Javascript

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