



Mathew Hunter

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Summary

Over 17 years of professional experience in software development. Primary experience writing software to meet customer needs—from backend data-processing services, to web front-ends, to desktop tools. Additional experience with other stages of SDLC, including requirements analysis, functional design, testing, and deployment. Peripheral experience in database design, graphic asset creation, and user interface design.

Experience

SHERPA, INC – NOVEMBER 2015 - AUGUST 2016

- Served on small team as key full-stack developer, providing expertise to Java backend and AngularJS front-end, to release 1.0 of MVP.
- Established configuration to support hosting of product on AWS , comprised of four deployment platforms across two VPCs, including assets in Elastic Beanstalk, EC2, RDS, DynamoDB, Lambda, and S3.
- Provided guidance and implementation of procedures to secure application.

Technologies: Java 8, Wildfly, Glassfish, NGINX, PostgreSQL, HTML5, Javascript, Node.js, AngularJS, REST, Maven, Gulp, Eclipse, AWS, Docker, Git, FOSS

EFFECTIVE SOFTWARE SOLUTIONS – NOVEMBER 2014 - NOVEMBER 2015

- Served as a principal-level software engineer, providing ongoing development and system support for an entity and task management system.
- Used open-source products and libraries, along with custom-built Java artifacts to address customer entity management and data transformation needs.
- Used a graph database to model relationships and perform sophisticated queries between entities to satisfy business needs.
- Introduced code analysis tools and methods into the development group, bringing a focus on and improvement in code quality.

Due to the nature of the work/client, limited information about this position is available.

Technologies: Java 8, Karaf, Neo4j, MongoDB, ActiveMQ, OSGi, Blueprint, Camel, JMS, XML, JDO, HTML, JavaScript, CSS, Angular, REST, Maven, Eclipse, Jenkins, SonarQube, RHEL, Apache, Jetty, PKI, Git, FOSS, GOTS

RAYTHEON FMO – APRIL 2014 - NOVEMBER 2014

- Served as a principal-level software engineer, providing ongoing development and system support using Groovy, Grails, and Oracle.
- Developed across all tiers within the application, from front-end GUI work, through mid-tier business logic, to the back-end data store.
- Regularly met with various customer stakeholders to gather and document requirements, as well as report development status, demonstrate functionality, and gather feedback.

Due to the nature of the work/client, limited information about this position is available.

Technologies: Java 6/7, Groovy, Grails, Oracle, HTML JavaScript, CSS, Dojo, AJAX, REST, Eclipse, RHEL, Windows, Tomcat, PKI, Git, FOSS, GOTS

RAYTHEON HENGGELE CONSULTING – FEBRUARY 2011 - APRIL 2014

- Served as a senior-level software engineer, providing ongoing development and tier 2/3 support for a data routing and transformation product.
- Used open-source products and libraries, along with custom-built Java artifacts, to address customer data transformation needs for a wide array of binary and cleartext formats.
- Supported individual client installation and configuration on an as-needed basis.
- Provided substantial effort for the migration of the product from JBI-based Apache ServiceMix to OSGI-based Apache Karaf.
- Introduced code analysis tools and methods into the development group, bringing improvement in and focus on code quality.

Due to the nature of the work/client, limited information about this position is available.

Technologies: Java 6/7, Groovy, ServiceMix, Karaf, MySQL, ActiveMQ, OSGI, Spring, Blueprint, Camel, JMS, XML, JPA, JDBC, HTML, JavaScript, CSS, ExtJS, JSP, AJAX, REST, Maven, Eclipse, Hudson/Jenkins, Sonar, RHEL, Windows, Apache, Tomcat, PKI, Subversion, FOSS, GOTS

HENGGELER CONSULTING – AUGUST 2009 - FEBRUARY 2011

- Served as the sole developer for an ongoing implementation/rearchitecture of a distributed data processing system.
- Reimplemented solution at customer direction to transition away from JBI-based Apache ServiceMix to OSGI-based Apache Karaf.
- Wrote Java/C++-based services, integrating open-source, COTS, and GOTS libraries, to provide composable data processing functions in a distributed manner over JMS.
- Developed sophisticated routing and message transformation functions using Apache Camel and XQuery.
- Greatly improved release build and deployment processes, taking a highly manual and fragile process, and providing a high level of automation.

Due to the nature of the work/client, limited information about this position is available.

Technologies: Java 6, C++, STL, Karaf, TIBCO EMS, IONA Artix, Spring, Camel, JMS, XML, SOAP, Maven, Ant, Eclipse, RHEL, Windows, Subversion, FOSS, GOTS, COTS

CIPHER SYSTEMS – AUGUST 2005 - AUGUST 2009

Government Group

- Provided technical lead support to a SharePoint portal customization project.
- Designed and developed a LAMP/PHP-based CMS.
- Provided Java data access and middleware development for a data-processing/presentation web application.
- Designed and constructed a set of .NET desktop tools to provide user input into an SQL Server-driven entity extraction process.
- Designed and developed CD-based DHTML courseware.

Due to the nature of the work/client, limited information about this position is available.

Commercial Group

- Maintained and extended core ASP-based application product, while providing next-generation components and modules in ASP.NET.

- Interfaced directly with over a dozen clients from biotech, financial, and consumer products markets to develop a competitive intelligence solution to meet specific needs and audiences.
- Built tools in classic VB and C# to extract and process data from a variety of sources (including e-mail, web pages, flat files, XML), as well as automate web application tasks.
- Acted as DBE/DBA for SQL Server 2000/2005 instances, encompassing over three dozen active databases.
- Brought improved issue management system into department.
- Introduced new development components into group to provide more robust functionality with less coding time.

Technologies: SharePoint, MySQL, PHP 5, .NET WebServices, SOAP, WCF, Java CXF, Java 5, Java Servlets/JSP, Spring, XML, HTML, JavaScript, CSS, AJAX, ASP, ASP.NET, VB, VBScript, C#, SQL Server 2005, IIS, Tomcat, RHEL, Windows, Visual SourceSafe, Team Foundation Server, Subversion, FOSS, COTS

COREL, INC – OCTOBER 2001 - AUGUST 2005

- Engaged with customers to analyze workflow and product requirements, flowing into the creation of technical and business proposals.
- Designed and implemented automated solutions using corporate graphic and document editing software, as well as custom desktop and web application code.
- Acted as project lead and primary technical contact for civil government and commercial space customers.
- Supported customers from legacy products (Micrografx, InterCAP) and provided assistance to the sales organization in the development of new business.

Technologies: HTML, JavaScript, CSS, ASP, ASP.NET, ActiveX, CGM, BasicScript, VBScript, VBA, VB, VB.NET, C#, Visual C++, XML, SVG, Postscript, SQL Server, IIS, AIX, SCO, Windows, Visual SourceSafe, FOSS, COTS

MICROGRAFX, INC – SEPTEMBER 1999 - OCTOBER 2001

- Served as project lead and lead developer for client projects.
- Created customizations to technical graphics software to automate user tasks and provide new drawing tools.

- Integrated new technologies and knowledge-sharing processes into the group.
- Provided development support to sales and engineering groups.

Technologies: HTML, JavaScript, CSS, ASP, ActiveX, CGM, BasicScript, VBScript, VBA, AccessDB, IIS, AIX, SCO, Windows, MKS Source Integrity, Visual SourceSafe, FOSS, COTS

INTERCAP GRAPHICS SYSTEMS – MARCH 1999 - SEPTEMBER 1999

- Served as project lead on client projects transitioned from the pre-sales group.
- Worked with senior developers to create technical graphics software customizations to client specification.
- Provided pre-sales, sales, and customer service support as needed.

Technologies: HTML, JavaScript, CSS, ActiveX, CGM, BasicScript, AccessDB, AIX, SCO, Windows, MKS Source Integrity, Visual SourceSafe, FOSS, COTS

Education

UMUC – BS Computer and Information Systems, Cum Laude

Certifications

- Oracle Certified Professional, Java SE 6 Programmer
- Cloudera Certified Developer for Apache Hadoop