Application Engineer IV Application Engineer IV Active Top Secret SCI Clearance (w/ Full Scope Poly) Glen Burnie, MD Authorized to work in the US for any employer Work Experience Application Engineer IV Runemaster LLC - Linthicum Heights, MD July 2017 to Present   Use Python 2/3+ and Django framework to build REST side functionality for a suite of applications designed to manage various provisioned systems   Implemented DevOps solutions such as an automated CI pipeline using Jenkins and Ansible   Use Angular 7+ for user interface implementation   Monitored and managed multiple systems   Design back-end architecture for various applications   Optimize existing back-end architecture to speed up user experience   Convert Python 2 codebase to Python 3+ Sr. Software Engineer Next Century Corporation - Columbia, MD August 2015 to July 2017   Worked closely with the design team to build user interface for workflow preferences management application using AngularJS framework.   Used Ansible to create and manage multiple virtual machines.   Used Ansible and Gatling to run load testing against workflow preferences management application by spawning simultaneous tests across multiple virtual machines.   Designed and implemented key functionality on the front and back end of a mission critical compliance workflow system. Primary development was done front-end using JavaScript, TypeScript, Backbone, lodash, q, jQuery, and SlickGrid; back-end development was done using Java and JAX-RS.   Co-designed and built a custom benchmarking tool to measure and enhance performance of a mission critical compliance workflow system. Software Developer NewWave Telecom & Technologies - Elkridge, MD November 2013 to August 2015   Assist in configuration and development of application framework to be implemented with the purpose of streamlining the development of future projects   Created web portal using AngularJS, Spring, and Docker technologies that allowed users to monitor, deploy, and provision services in the form of cloud hosted web servers, application servers, and/or databases.   Create automated continuous integration environment built with the following tools: o Jenkins   continuous integration/build tool o Rundeck   deployment tool o Nexus   artifact repository o Robot Framework   test automation framework   o Wrk   load testing and benchmarking o Puppet   environment creation tool   Conducted research into various Spring and JavaScript technologies to further enhance application

framework   Developed new features and functionality to existing Java/WebSphere projects   Web development using a combination of Meteor.js, Node.js, JavaScript, Java and Spring technologies to connect and interact with Mongo and Oracle databases; as well as interaction with Cloud Foundry Website manager/Lead Developer for the 2014 CMS Quality Conference, completed the following tasks: collaborated with design team to revamp original website design, managed SQL Server database containing conference and registrant information Java Software Engineer Edaptive Systems - Owings Mills, MD July 2013 to October 2013   Coded primarily in C#, ASP.NET, and Java o Java   created parser to read through company registry and update contact files for use in the phone system o ASP.NET   designed and implemented additionally functionality to an existing web application that allowed users to search through a database for contract information.   Used SQL Server Management Studio to configure database schema   Created wireframes using Pencil and Visual Studio 2012   Developed SharePoint functionality o Created database to act as an archive to store the history of users deleted from the SharePoint database   Discussed and established application requirements with external customers Junior Application Developer Laureate Education Inc - Walden University - Columbia, MD June 2012 to July 2013   Worked using agile methodology   Practiced pair programming with senior developers   Consulted closely with design team to ensure product standards were met   Coded primarily in Java, HTML/XHTML/CSS, and XML   Logged and fixed defects throughout application using JIRA   Ran quality assurance tests using Selenium-IDE   Developed JDBC web application with MySQL interaction Education Master's in Software Engineering Pennsylvania State University August 2016 to August 2018 Certifications/Licenses Comprehensive ELK Stack August 2018 to Present Pig Analytics July 2018 to Present Additional Information Programming - Java, C, C#, SQL/MySQL, JavaScript, TypeScript, HTML5, XHTML, CSS/LESS, Ruby, Python 2/3+, bash/shell   Frameworks - Spring Data, Spring Security, Spring MVC, AngularJS, Meteor, jQuery/jQuery UI, Bootstrap, Backbone.js, lodash, q, Angular Material, Django   Querying - SQL, MySQL, Mongo, Cassandra, PostgresSQL, Pig   Build Tools - Maven, Gradle   Middleware - Elasticsearch, Logstash, Kibana, Tomcat (6/7/8), RabbitMQ, WebSphere MQ, JBoss, MS SQL Server 2012   Infrastructure - Ansible, Jenkins, Rundeck, Puppet

Testing - JUnit, Blazemeter, Selenium, Gatling, Wrk, Robot

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