Teaching Assistant, Advanced Software Paradigm Teaching Assistant, Advanced Software Paradigm Computer Science Graduate 2019 | Seeking Software| Java | Full-Stack Developer Roles. Washington, DC Computer science graduate student versed in object-oriented programming seeking opportunities in a high paced working environment. Working knowledge of Cloud technology(AWS), Web Development, Mobile Development with strong algorithms and data structure practices. Interested in software, cloud, web development and data roles. Authorized to work in the US for any employer Work Experience Teaching Assistant, Advanced Software Paradigm The George Washington University - Washington, DC August 2018 to May 2019 Revisited and evaluated modules based on frameworks, software architecture, data flow systems and design patterns standards that made use of imperative, functional, logical programming languages like Scala, Perl and Prolog. Teaching Assistant, Linear Algebra & Computation The George Washington University - Washington, DC January 2018 to May 2018 Solved and evaluated linear algebra algorithmic and conceptual problems that made use of object-oriented language. Held office hours to resolve student queries regarding course modules and assignment. Mobile Application Developer NIIT January 2017 to June 2017 Implemented and documented code logic for Android applications using Java - data managed by SQLite, MySQL. Web Application Developer NIIT January 2016 to December 2016 Designed architecture and database for standalone and web applications. Implemented and documented code logic using java with test-driven development on NetBeans. Used HTML, CSS, JavaScript for UI hosted by Apache Tomcat, Glassfish - data managed by MySQL. Education Master's in Computer Science THE GEORGE WASHINGTON UNIVERSITY - Washington, DC August 2017 to May 2019 Bachelor's in Electronics and Communication UNIVERSITY OF JAMMU - Jammu, Jammu and Kashmir June 2012 to June 2016 Skills java (3 years), Javascript (1 year), Python (1 year), node.js (1 year), Spring (Less than 1 year), MySQL (2 years), SQL (2 years), Oracle (1 year), HTML 5 (2 years), CSS (2 years), Android (1 year), IOS (Less than 1 year), Angular (Less than 1 year), React (Less than 1 year), JQuery (1 year), Bootstrap (Less than 1 year), AWS (1 year) Certifications/Licenses Programming in java June 2016 to Present Developing Mobile Apps for the Android Platform January 2017 to Present

Advanced programming in java using servlets November 2016 to Present Additional Information

SKILLS   Languages: JAVA, Scala, Python, R, SQL, Kotlin, Swift, JavaScript, C++, C, CSS, JSON, HTML, XML.   Framework: Hadoop/Map Reduce, Spring Boot MVC, jQuery, RESTful, AngularJS, Bootstrap, Flask.   Database and Cloud: MySQL, PostgreSQL, DynamoDB, MongoDB, AWS, Redis.   Technology: Eclipse, IntelliJ, Postman, Apache Tomcat, Nginx, Docker, Node.JS, Oracle Data Modeler, Jira, Jenkins, Agile.   PROJECTS   PIZZA SALES REPORTING SYSTEM April 2019   Database designed according to the business logic requirement of a pizza startup using Oracle Data Modeler hosted on both private and cloud server.   Generated Reports for via procedures and ad- hoc queried through SQL developer.   SOCIAL BOOKMARKING WEB APPLICATION June 2018-2019   Implemented a MVC architecture based java web application for bookmarking books, movies, weblinks including features multithreaded downloads and data shareability to partner website.   Used HTML, CSS, JAVA, Script, JSTL for client interaction-- servlets, JDBC, MySQL and Tomcat Apache to handle server side along with unit testing via JUnit.

 BIGDATA - GRAPH AND TEXT ANALYTICS USING R Feb 2019   Analyzed graphs with a billion of nodes to find different types of centrality, cliques and paths.   Retrieved ten longest sentences from the books and visualized data frequency via dendrograms and word cloud.   MOBILE APPLICATION DEVELOPMENT December 2018   Developed CATFINDER - an android application using kotlin that locate cats in the user's areas via Petfinder API. Added dependencies: Petfinder API, geolocation, Picasso, Moshi, Retrofit.   Developed METRO EXPLORER - an iOS app which displays nearby metro stations, landmarks and historic location with DC as center using WMATA and Yelp API.   CLOUD WEB APPLICATION November 2018   Created a server less web application with HTML based client interface that enables user to request unicorn rides from Wild Rydes fleet. It provides a HTML based user with a RESTful web service to service the request by client. (i.e. where they would be liked to be picked up and dispatching a nearby unicorn)   WEB BASED DATA ANALYSIS November 2018   Mythical Mysfits website enables user to reserve, favorite and adopt pets (imaginary creatures) . API backend microservice deployed in a container through AWS faragate. Externalized data using Dynamo DB. Handled registration and authorization

of users using amazon Cognito. Uses AWS lambda and kinesis firehouse microservices for user behavior analysis.   BLACK FRIDAY SALES PREDICTION September 2018   Preprocessing of the 55000 customer records. Training an accurate machine learning model to predict future sales. Decision Tree regressor being the optimum solution at the cost of reducing testing accuracy for our problem.

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