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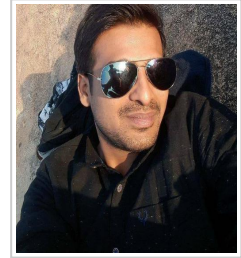
Software Development Engineer 2 seeking roles in Software Development,Application Programming,Requirement Gathering,System Analysis,Technical Architecture,Process Improvement,Linux,HTML,CSS,Python,Linux,GIT,Eclipse

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Current Designation: Software Development Engineer 2

Current Company: AMAZON

Current Location: Chennai

Pref. Location: Chennai,Hyderabad,Bengaluru / Bangalore

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Marital Status: Single/unmarried

Key Skills: Software Development Engineer 2,Software Developer,Software Development,Application Programming,Requirement Gathering,System Analysis,Technical Architecture,Process Improvement,Linux,HTML,CSS,Python,Linux,GIT,Eclipse

Total Experience: 7 Year(s) 0 Month(s)

Highest Degree: B.Tech/B.E. [Computers]

Verified :   **Phone Number |**   **Email - id**

Last Active: **Jan-Mar 2021**   Last Modified: **Jan-Mar 2021**

Summary

Innovative software engineer offering 6 plus years of experience in the full software development lifecycle - from concept through delivery of next-generation applications and customizable solutions.
Experience in middleware, web services and platform development - using JAVA,PYTHON and related technologies
Known for going extra mile - by bringing new ideas to improve the applications and creating tools to replace manual process.
Always eager to help and improve the team - by sharing views, knowledge and helping team members who are lagging behind in their work technically and non-technically.

Work Experience

AMAZON as Software Development Engineer 2
Mar 2019 to Till Date

Kindle Core Conversion
An application responsible converting ingested book in the format of pdf, doc or epub into mobi and amazon developed internal book format. Included responsibility of maintaining and developing the ingestion platform and core conversion of book format.
* Worked on end to end design and development of exposing Ingestion report of conversion failure to Kindle Direct Publishing website as a downloadable csv error report.
* Exposing the ingestion report on conversion failures in Kindle Previewer.
* Large data table rasterization handling for small screen. Issue was that rasterized image was would become jumbled on small screen in Kindle Previewer, resolution was to show a notification to users on this behavior and inform such view will not occur on device.
* Fixing all the internal error in core conversion.
* Won Third place in Innovate Hackathon, created a new in social interaction platform for discussions on kindle books.Created automation tool to prioritize on-call tickets and works as a workspace for developer to maintain information on which tickets they have been working on and what are the updates they have given on tickets. Also had the capability to automatically generate on-call report and send out as a mail to team. This helped developer to focus more on solving tickets rather than maintaining data about the work they have done.
* Also pushed the idea of weekly session of our conversion platform architecture and working. Later on,

was responsible for organizing the session. This initiative really helped each team member in understanding the application in depth which lead to improvement in their performance.
* Core conversion platform code base was becoming unmanageable because of lack in design with incremental changes. Pushed the idea for refactoring the code and how it will help to move fast. After discussion with team this was prioritized. Worked on refactoring the code base.

NEUSTAR as Software Engineer
Sep 2017 to Apr 2019

Enterprise Data Fabric
An application responsible for fetching data files from multiple location, using multiple protocols and converting the data files into different schema format using configurations on processing steps, file schema formats and transformation logic. The application is using PYHTON, DJANGO and POSTGRES as technology stack.
* Worked on end to end design and development of the EDF platform.
* Inclusion of observation dates of files into converted schema format.
* Configurable Meta data migration utility between environments. This utility could automatically identify and move configuration difference from one environment to another. Decreased the configuration migration time from days to mere seconds.
* Evens architecture for publishing processing status of files coming into EDF and other configuration parameters to Meta data repository.
* Nominated for star award for outstanding performance and bringing new ideas for improvement of existing application and workflow like Meta data migration utility.
* Worked on POC for Identity management Blockchain.

INFOSYS as Systems Engineer to Technology Analyst
Feb 2014 to Aug 2017

Contact Point Management System(CMX)
Application was responsible for managing contact point information of bank customers. Application was developed based on Service Oriented Architecture. Later on, was moved to Microservices architecture.
* Worked on maintenance of existing SOA system. System was a bunch of SOAP services
* Worked on fixing existing bugs and refactoring of the code base.
* Worked on moving the SOA architecture to Microservices architecture, work included developing restful webservices.
* Developed DataStage adapter to let IBM DataStage invoke REST services and gather customer data for processing.
* Developed and automated testing tool. This tool could generate sample test cases based on configuration. Execute and validate the webservice response against database, capture logs from server and generate testing report. Developed it for use in CMX, but was also adopted by several other projects under our baking client.
* Worked on refactoring of microservices code base.
* Worked on design and development of Adapter Framework. This was a configurable system which can run different processing steps, based on configuration and was mainly used as an underlying technology for all REST APIs used for reading data. Framework was able to run processing steps in a DAG based on their configuration and dependency and each Processing step was defined as a spring bean Java class.
* Took sessions on SOLID Principles and Design Patterns, also mentored junior developers for writing maintainable and robust code.
* Awarded as best performer continuously for 3 years

Education

UG: **B.Tech/B.E. (Computers)** from **Haldia Institute of Technology(WBUT)** in **2013**

IT Skills

Skill Name	Version	Last Used	Experience
java, python, c			
Spring IOC, Spring AOP, JSP, Servlet			
Hibernate, JPA, Maven, Apache CXF			
JUnit, JAX-RS, JAX-WS, Log4j			

Eh cache, Object Oriented Design
SOLID principles, Design Pattern
Data Structure, Algorithms
REST, SOAP, XML, JAXB
Spring cache, Django
Django Rest Framework
Blockchain, AWS, S3
Microservices, SOA, MySQL
PostgreSQL, Memcached
Vue.js, JavaScript, Html, CSS
Linux Shell scripting, Tensorflow
IBM Rapid Application Developer
Eclipse, Soap UI, Crucible, Sonar
JDecompiler, SVN, IntelliJ Idea, XCode
Git , GitHub, BitBucket
Pycharm, VSCode
Windows, Linux, Mac

Affirmative Action

Category: **General**

Physically Challenged: **No**

Work Authorization

Job Type: **Permanent**

Employment Status: **Full time**