Madhukar Shrestha

Edmond, Oklahoma

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Software Engineer

Responsible, innovative, passionate, and committed professional. Experience in Java, Big Data Analytics, US Healthcare and Hadoop. Proficient in object modeling technologies, language standards and Software Development Life Cycle.

Skills

Java, SQL, Cascading, Hadoop, Amazon Web Services, EMR, Linux, Big Data Analytics, Web development, Python, php

Professional Experience

Cedar Gate Technologies, Nepal

Senior Software Engineer   Dec 2020 – Aug 2021

- Worked on data operation from various sources, mapping them to a defined layout using in-house data mapping tool called FileMapper
- Experience with Java Cascading, Hadoop Ecosystem, Amazon s3 bucket and EMR cluster, SQL queries and databases (Amazon RedShift, MySQL)
- Design technical flow for database driven and rule-based data transformation.
- Manage team and task division
- Participate in team discussion, attend calls with stakeholders, brainstorming sessions.
- Experience with Web application development using Java Grails, HTML, JavaScript and AngularJS.
- Knowledge of AWS services and APIs like AWS Cloud watch, AWS Lambda, SQS, EC2 instances.
- Familiar with version control like Git and SVN.

Deerwalk Services Pvt. Ltd., Nepal

Senior Software Engineer   Jan 2019 – Dec 2020

- Experience with Java Cascading, Hadoop Ecosystem, Amazon s3 bucket and EMR cluster, SQL queries and databases (Amazon RedShift, MySQL)
- Develop generic modules for data processing and transformation.
- Design technical flow for database driven and rule-based data transformation.
- Manage team and task division
- Participate in team discussion, attend calls with stakeholders, brainstorming sessions.
- Experience with Web application development using Java Grails, HTML, JavaScript and AngularJS.
- Knowledge of AWS services and APIs like AWS Cloud watch, AWS Lambda, SQS, EC2 instances.
- Familiar with version control like Git and SVN.

Software Engineer   Jan 2017 - Jan 2019

- Write codes in Java utilizing cascading framework for data transformation
- Analyze issues raised by data quality assurance team and fix those issues.
- Experienced with Java Cascading, Hadoop Ecosystem, Amazon s3 bucket and EMR cluster
- Experienced with SQL queries and databases (Amazon RedShift, MySQL)
- Knowledge of US healthcare, data analytics

Software QA Engineer   April 2015 - Dec 2016

- Business and software requirements review
- Test plan, Test cases/scripts preparation and test execution (manual/automated)
- Keyword driven test automation tool development using Java based on Selenium
- Defect reporting using the project management tool
- Support clients for data/application related issues
- Experience with SQL queries and databases (Amazon RedShift, MySQL, MSSQL), Elastic Search
- Knowledge of US healthcare

Worldlink Communications Pvt. Ltd., Nepal

Information Technology Support Representative   July 2014 - April 2015
- Network monitoring and reporting, simple troubleshooting basically for wireless and cable internet services
- Provide support related to internet connection to customers.
- Awarded ITSR of the month twice.

Volunteer Experience

Programming/Web Development tutor at Deerwalk Institute of Technology, Nepal   2016 - 2019

Education

University of Central Oklahoma, Edmond, OK, USA
- Masters of Science in Computer Science   2021-Ongoing

London Metropolitan University, UK
- Bachelor of Science in Information Technology (Computing)   2014

Islington College - Kathmandu, Nepal
- International Advanced Diploma in Business Software Development with Distinction   2012
- Diploma in Information Technology and Communication with Distinction   2011

Caribbean Higher Secondary School – Lalitpur, Nepal
- Higher Secondary Level (10 + 2) with Distinction   2009

Modern Boarding Secondary School – Bhaktapur, Nepal
- School Leaving Certificate with Distinction   2007

References:

Available upon request