

# 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

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

## Professional Experience

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### 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**

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

## **Education**

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### **University of Central Oklahoma, Edmond, OK, USA**

- Masters of Science in Computer Science

Ongoing

### **London Metropolitan University, UK**

- Bachelors of Science in Information Technology (Computing)

2014

### **Islington College - Kathmandu, Nepal**

- International Advanced Diploma in Business Software Development with Distinction
- Diploma in Information Technology and Communication with Distinction

2012

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