

# Rikesh Puri

## Software Engineer

Motivated to contribute my Information Technology experience to help organizations improve their product/ service offerings to the targeted level of excellence.

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## WORK EXPERIENCE

### Database Programmer

Dorothy A. Johnson Center for Philanthropy

01/2019 – Present

#### Achievements/Tasks

- Created a Materialized View in Oracle which calculated z-score for an embranchment of a database-driven research application
- Developed a web application portal for the department using Bootstrap responsive framework, where clients could upload CSV files and backend service, developed in Java, verified the file before uploading and running a procedural script in Oracle database
- Documented the flow of an application source code with workflow diagrams and code explanations

### Software Engineer (Graduate Assistant)

Dorothy A. Johnson Center for Philanthropy

09/2017 – 12/2018

#### Achievements/Tasks

- Created a Java application to remove errors from large CSV data files used by the CRI (Community Research Institute) for research projects
- Prepared guidance documentation to help users export/import data using SPSS, SAS, Excel and Oracle Database
- Improved user authentication application by fixing bugs and generating message alerts
- Assisted completion of manual testing on web applications for production deployment

### Junior Software Engineer

Alignstech Private, Limited

08/2015 – 07/2017

#### Achievements/Tasks

- Developed a database driven PHP web application to keep information of client website hosted in the organization's web space with a feature to send out a renewal notification email to the client
- Contributed to designing and developing of MySQL databases for Android applications for client
- Performed quality assurance tasks of manual testing and creating test cases following prototyping development method for multi-platform applications
- Introduced interactive wireframe development with the Justinmind to replace legacy method saving time and producing more detailed wireframes
- Created user manuals for multiple software products developed by the organization

## EDUCATION

### Master of Science in Computer Information Systems

Grand Valley State University, MI

08/2017 – 04/2019

### Bachelor of Science in Information Technology

Sikkim Manipal University, India

08/2013 – 07/2016

## SKILLS

Java

SQL

JavaScript

Oracle

Python

Bootstrap

Object Oriented Programming

Machine Learning

C

C++

CUDA

HTML

CSS

MVC

Ruby on Rails

## VOLUNTEER EXPERIENCE

### Audio and Video Assistant

Big Data Ignite 2018

09/19/2018 – 09/21/2018

#### Tasks/Achievements

- Assisted in filming the speaker presentation
- Helped the presenters with the audio equipments
- Announced and welcomed the speaker on the stage

## PERSONAL PROJECTS

Building Image Recognition Models with Small Datasets (01/2019 – 04/2019)

- Developed an application in Python using OpenCV library, that generated thousands of synthetic images with the input of one image
- Build a machine learning model for image recognition with TensorFlow using the generated synthetic images