Ravi Shankar

69-A Carriage Dr New Bedford ● MA
rshankar@umassd.edu ● (+1) 337-739-1082 ● http://www.r-shankar.com

Education

University of Massachusetts, Dartmouth   July 2018
- Master of Computer and Information Science

Shaheed Zulifkar Ali Bhutto Institute of Science and Technology, Karachi   June 2013
- Bachelor of Computer Science

Experience

University of Massachusetts, New Bedford   May 2017 - current
IT-Assistant
- Used different hardware and software equipment

Bank Al Habib Limited, Karachi   March 2014 – Dec 2015
Software Developer
- Build their internal banking web-based modules, Modules like (Account Opening Process)
- Build reports using SQL Server Reporting Services (SSRS) using SQL Procedures and complex challenging queries and calculations to get large amount of data.
- Used Microsoft .Net MVC Framework (C#), JavaScript, Ajax and Microsoft SQL Server 2012, also worked for Entity Framework approach for some modules.
- Followed Agile methodology, attended three days training.

Pakistan Telecommunication Limited (PTCL), Karachi   May 2011 – July 2011
Internee
- Developed a web based internal system to put their data at one place and to query easily.
- Build a page where they, search and also can delete data and can generate different reports.
- Used PHP and MySQL for backhand and MySQL database.
- Completed the Assignments of calculation of sub-netting.

Skills

Languages: Python, JavaScript (D3.js, JQuery), C#, Asp.Net MVC4, HTML and CSS
Database: SQL Server 2012, MySQL, SQL Server Reporting Service
Tools: Anaconda 3, Visual Studio 2012, Browser Console (HTML and JavaScript), MS-Office 2016
.

Thesis

- Currently working on thesis analysing Vessels Traffic Data (AIS) using Python libraries (Pandas, NumPy, PySpark, Parquet, Fiona, Folium, Sci-learn)
.

Projects

- Worked on Amazon Clouding Services (EC2, EMR, S3- Storage) for big Data sociability for Assignments and configured the Jupyter Notebook.
- Worked on the New York City Bikes data taken from their NewYorkCityBikes web page. Visualized and analysed some important trends and fact about the Bike rides.
- URL: http://bl.ocks.org/raviladhar/raw/ea22e3a4b00138aafb6204c3666d31db/
- Designed an ERP based system, "Home and Garden online shopping system", used PHP and MS-SQL at St. Mary's university of San Antonio TX and achieved third position.
- Designed Android Bluetooth Car, which works with android smart phone, Bluetooth shield and 12V relay Circuits with Arduino Programming