

MANYAM PRATYUSHA

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Professional Summary:

- Over 1.5 years of experience as an application developer using .NET, HTML, CSS, SSIS.
- Familiar with Amazon Cloud EC2, Simple Storage Service S3.
- Familiar with IBM Bluemix cloudant DB.
- Experience with .NET application development (web and windows application)
- Experience with MVC architecture.
- Experience with development of SSIS scripts.
- Experience in writing Sub Queries, Stored Procedures, Triggers, Cursors, and Functions on MySQL.
- Excellent debugging, problem solving, optimization and testing skills.
- Experienced in developing web-based applications using .Net (C#), CSS, HTML, JavaScript
- Familiar with deploying applications with Apache.
- Familiar with development of web application using flask.
- Familiar with python programming.

Technical Proficiency:

Programming Languages:

C, C++, C#, ASP.NET, Python, Java, Flask, HTML, CSS.

Databases:

SQL server, Cloudant, MS Access.

Cloud Services:

Amazon AWS, IBM Bluemix.

Design and IDE Tools:

Rational Rose, UML, Visual studio, Android studio.

Office Tools:

MS Word, Power Point, Excel, Outlook.

Education:

- **Master of Science** in Computer Science Engineering
The University of Texas - Arlington, TX.
Expected Graduation month: Dec 2017
- **Bachelor of Science** in Computer Science Engineer
SASTRA University - Tanjore, TamilNadu, India.
Graduate Year - 2014

Work History:

Trainee

07/2014 to 11/2014

TATA Consultancy Services – Ahmedabad, India

Worked on the development of web application for real time distribution reservation system using .NET, SQL technologies there by helping airways with the latest e-Commerce technology to reduce the distribution cost.

Responsibilities:

- Developed the functionalities for Airport baggage check module using ASP.NET.
- Developed the home page and master page using CSS, HTML and C#.

Software Developer

12/2014 to 11/2015

TATA Consultancy Services – Bangalore, India **Client: XL-Catlin group**

Developed windows application using .Net technology for making it handy to both insurers and insurance providers to be upgraded about the existing and new insurance policies and its details.

Responsibilities:

- Design, Develop, Test and Deploy the application.
- Designed the relational database schema for the modules (insurance models) involved in the application
- Developed the entire frontend and backend of all the modules involved using .NET and MVC architecture.
- Developed the SSIS scripts to maintain and integrate the historic data from the Access DB to the database the application.
- Responsible for debugging and troubleshooting the application.

Academic Projects:

Title: 'MyMav' mobile application.

Description: Mobile application has been developed for assisting the students in providing information about the nearby places, events taking place at the university and allowing the students to book rides through 'MyMav' application.

Software Tools and Languages: Android Studio, Gene Motion Emulator and Java.

Title: Modifying and retrieving of the data in the large CSV data files.

Description: Developed flask web application which allows to modify and retrieve the data from the CSV file using Amazon Storage services like Amazon MySQLdb. The application has been launched using Amazon ec2 instance and CSV data file is also Stored in ec2 instance.

Software Tools and Languages: AWS Ubuntu, Flask, WinSCP, Amazon MySQLdb, PuttyGen, HTML

Title: Basic cryptography using IBM Bluemix cloud service.

Description: Developed python code which allows files to be encrypted using GNU privacy guard and upload them to the IBM Bluemix cloud storage. It also allows to decrypt and download the files locally.

Software Tools and Languages: Python, CloudFoundary, GnuPG

Title: Version controlling of files using IBM Bluemix cloud service.

Description: Developed flask web application which allows to maintain the version control of files. The application allows uploading of files to the NoSQL database of Bluemix where the file name and file contents are hashed and stored.

Software Tools and Languages: Python, Flask, IBM Cloudant NoSQL, HTML

Title: Performing File operations using Amazon ec2 instance and storage services.

Description: Developed flask application that allows all the file operations like uploading file to Amazon s3 buckets, downloading files from buckets, moving files between buckets and other operations. The application has been launched using Amazon ec2 instance.

Software Tools and Languages: AWS Ubuntu, PuttyGen, WinSCP, Python, Flask, HTML

Title: Performing Data Mining Techniques on a Data Set

Description: Developed Python code to perform Mining Techniques like Binning, Normalization and Association rule mining using Apriori algorithm on large Dermatology dataset.

Software Tools and Languages: Python.

Title: Design and Analysis of a Back Propagation Neural Network in Estimating Risk of Coronary Artery Disease.

Description: A system has been developed that focuses on estimation of risk levels for the Coronary Artery disease. A neural network model has been designed considering a wide variety of factors and providing a suitable estimate of risk factor. This analysis is expected to supplement the work of the doctor in providing reliable results.

Software Tools and Languages: Mat Lab and C language.

Publications:

Title: Design and Analysis of a Back Propagation Neural Network in Estimating Risk of Coronary Artery Disease.

Authors: S. Krishna Anand, Manyam Pratyusha, Chinni Mounica and K. Vineesha

Publication: American-Eurasian Journal of Scientific Research (AEJSR), ISSN 1818-6785

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