

PRATYUSHA MANYAM

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PROFESSIONAL SUMMARY

- Over 2 years of experience as a software developer in design, development, testing and implementation of web and client server applications using Microsoft Technologies.
- Worked extensively in application development using MVC architecture, C# as code-behind language and LINQ as the data base consumer.
- Developed SSIS scripts using stored procedures, triggers, cursors.
- Hands on experience in developing applications using Flask and deploying them to the cloud services like Bluemix, AWS using Apache.
- Able to learn and master new concepts and technologies; successful working in both team and self-directed settings.

EXPERIENCE

Developer, TATA Consultancy Services

DEC 2014 - JAN 2016

- Developed a windows application for the insurance company as per the client specifications to make it handy to the customers which enhanced my skills to meet the specified requirements within the deadlines of the project.
- Ability to work with .Net, MVC architecture, LINQ, SSIS, web services has been honed.
- Designed the database schema for certain modules of the project which enhanced my designing and problem-solving skills.
- Participated in debugging and testing the code functionalities.

Web Developer, TATA Consultancy Services

May 2014 – Dec 2014

- Developed a web application using ASP.NET and applying 3-tier architecture.
- Participated in developing both front-end and back-end modules which enhanced my c#, SQL and HTML/CSS skills.
- Provided an insight to work with Microsoft Visual Team Explorer.

TECHNOLOGIES

Languages: Python, C, C++, C#, HTML/CSS, Razor, Asp.Net MVC, JavaScript, Flask, .NET, Java, SSIS, LINQ, SQL, PL/SQL, JavaScript, UML.

Applications and Tools: Microsoft Visual Studio, Eclipse, Anaconda (Jupyter Notebook), Rational Rose, PuttyGen, WinSCP.

Operating Systems: Windows, Unix.

Database Applications: Microsoft SQL server, MySQL, IBM Cloudant Database.

Cloud Services: Amazon AWS, IBM Bluemix.

EDUCATION

- **MASTER OF SCIENCE IN Computer Science** | University of Texas, Arlington, Texas | Graduation Month: Dec 2017
- **BACHELOR OF TECHNOLOGY IN Computer Science** | SASTRA University, Tamil Nadu, India | Graduation Year: 2014

ACADEMIC PROJECTS

- **Flask application for file storage using AWS | Field: Cloud Computing**
 - Developed a flask application to upload, download, delete, versioning, encrypt/decrypt files on ec2 instance of AWS using python and boto3. Utilized RDS for storage.
 - Implemented auto-scaling using scaling policies. Performance is measured using JMeter.
- **Version Control of Files | Field: Cloud Computing**
 - Developed a flask application which allows to maintain the version control of files. The application allows uploading of files to NoSQL database of Bluemix where filename and contents are hashed and stored.
- **Web Application for Yoga Studio | Field: Web Data Management**
 - Developed a web application to look at the schedule and register for yoga classes. UI is designed using HTML/CSS, JavaScript technologies.
 - Data for the application is stored and managed using PHP and SQL Database.
- **Data Mining Techniques on Dermatology Large Data Set | Field: Data Mining**
 - Developed Python code to perform Data Mining Techniques like Binning, Normalization, Association rule mining using Apriori Algorithm on large dermatology data set.