

Vaishnavi Chitloor Venkatesh

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EDUCATION

M.S. in Computer Science

University of Texas at Arlington

GPA : 3.9/4.0

Sept'2019 – May'2021 (expected)

Courses : Artificial Intelligence I, Algorithms, Web Data Management, Advanced Database, Python Programming, Data Analysis and Modelling Techniques, Computer Networks

B.E. in Computer Science

BNM Institute of Technology

GPA : 3.4/4.0

Sept'2012 – June'2016

Courses : Database Management Systems, Data Structures, Software Architecture, Software Engineering, Java Programming, C# Programming, Operations Research, Discrete Math, Graph Theory

SKILLS

Programming Language : Java, C#, C, C++, Python

Databases : MySQL, SQL

Web Technologies : JavaScript, JSON, AngularJS, jQuery, NodeJS, HTML5, CSS3, PHP, Microsoft Azure, XML, PHP

Testing Frameworks : Espresso, Mockito, JUNIT

Data Science : Map/Reduce, Pandas, NumPy, Microsoft Office Suite

Others : Git, Maven, Eclipse, Android Studio, Microsoft Visual Studio

CERTIFICATIONS

Certified in developing **Microsoft Azure Solutions (70-532)**, Issued by **CloudThat Technologies**, April'17

EXPERIENCE

Application Development Analyst

Accenture Solutions Pvt. Ltd.

Jan'2017 – Sept'2018

Bangalore, India

- Building IoT Applications using Angular JS and Open CV
- Working on concepts of Infrastructure As A Service using Microsoft Azure
- Designing and Implementing Android Application User Interface
- Documentation of Android and Wince devices
- Worked on Functionality Code Coverage to increase the coverage from 0 to 80% using JUNIT, Espresso and Mockito

Key Projects : Worked as **Application Developer**

Face Detection Application | Worked on Developing an Application which recognizes the similarity between the Faces using **OpenCV** and **Java**

Graphite | Developed User Interfaces for Mobile Applications using Android Studio and developed Unit Test cases to enhance the stability of the code using **Mockito**

Smart Farm | Developed Web Application using **Angular JS**

Device Virtualization | Migrated the existing mobile application to tablet by changing the User Interface using **Android Studio** and **Core Java**

ACADEMIC PROJECTS

Website Development

Sept'2019

Tech : JavaScript, CSS, PHP, HTML5, Laravel

Created a personal dynamic website as an individual project. Implemented MVC architecture for this website using Laravel

Web Scraping of data Using Python

May'2020

Tech : Python, HTML, SQLite

Extracted Live data from CNN Website using Web Scraping. Created a text file with this data and stored the data into SQLite. Developed this as an individual project.

Diabetes Prediction using Machine Learning for Pima Dataset

May'2020

Tech: Python, Numpy, pandas, Seaborn

Built a Machine Learning model that accurately predicts the onset of Diabetes. This Model was done comparing 2 classification algorithms: Gradient Boosting Classifier and Random Forest Algorithm.

Client Server Application

July'2020

Tech: Java

Created a Multithreaded Web Server with standard web clients using Socket Programming.

AUTHORIZATION

Eligible to work without sponsorship