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TECHNICAL SKILLS

Programming Languages: Python, C++, Java, J2EE, C#, SQL, Tensorflow, Keras
Web Technologies: Html5, CSS3, JavaScript, Jquery, Bootstrap, Asp.Net, Angular, React, PHP
Databases & tools: Oracle 10g, SQL, Mongo Db, MySQL, Git, SSRS, GCP, Tableau, Crystal reports.
Frameworks: Spring MVC, Asp.Net MVC, Django, Hibernate, Wordpress

PROJECTS

Image Clustering using Gaussian Mixture Model (C#)   August 2018 – December 2018
- Using a parallel computing approach for implementing Gaussian Mixture Model for clustering the components of an image in a un-supervised learning pattern.

Portable File System (Python)   April 2018 – June 2018
- Developed an architecture for a file system for implementing the file operations at the Operating System level.

Multi-processor Scheduler (Python)   April 2018 – June 2018
- Developed an event-driven program for simulating the scheduling and processing of PCB's using multiple processors in Python. Implemented Scheduling Algorithm like FCFS, SJF and Round Robin.

Property bidder (Asp.Net MVC, Html5, Bootstrap, Ajax, Javascript, SQL)   January 2017 – May 2017
- Developed a website for simulating a property bid enabling a user to buy or sell a property. Included User Authentication, Modals, shopping cart.

INDUSTRY EXPERIENCE

University of Bridgeport, Bridgeport, CT, USA   **July 2018 – December 2018**
Graduate Assistant (Python) and Jr. Web Developer (Wordpress, php)
- Developing a neural network for predicting Earthquakes and aftershocks in Python.
- Analyzing, training and prediction of data (supervised learning) is done using numpy, pandas, tensorflow, LSTM, matplotlib and cartopy libraries from python.
- Developed and maintained webpages for www.bridgeport.edu and related websites in Wordpress and php.

Yardi Systems, Pune, India   **July 2014-August 2017**
Senior Software Analyst (Python, .Net MVC, SQL, SSRS), Project: Voyager
- Worked on Budget forecasting module for predicting the budgets of properties using Python (Data Science).
- Used libraries like Tensorflow, Time Series, Numpy, Pandas, Matplotlib in python for analyzing, training and predicting the data.
- Worked on Residential module (Voyager) for end to end development using C#, .Net MVC, Html5, CSS3, Javascript, JQuery.
- Developed custom dll in C#, .Net MVC for select clients. Performed troubleshooting and data extraction using SQL queries. Used SSRS and Crystal reports for generating reports.

Symantec Corporation, Pune, India   **Jan 2013-June 2014**
Project Intern (Java), Project: Model Performance for Data Insight
- Designed and implemented a performance model for Symantec's Data Insight (DI) product in Java.
- Performance model based on Queuing Theory M/M/1 model. The model would forecast the sustainability of the architecture to be designed. Developed a platform for creating custom architectures.
- Developed custom widgets in Java SWT and presented statistical data (graphs, charts, etc.).

EDUCATION

MS in Computer Science:	University of Bridgeport, Bridgeport, CT	Expected December 2018
Graduate Coursework:	Algorithms, Operating Systems, Deep Learning	GPA: 3.86/4.00
	Object Oriented Programming with C++, Databases,	
	Adv. Java, Web Applications, Python, Parallel Processing	
B.Tech in Information :	University of Pune, India	August 2010 – May 2014
Technology		CGPA: 8.03/10