MEGHANA RAMESH

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Education

Indiana University Purdue University Indianapolis (IUPUI), IN
Master of Science in Computer Science   Expected graduation: May 2018

Coorg Institute of Technology, South Kodagu, India
Bachelor of Engineering in Computer Science   June 2012

Skills

- Operation Systems   Windows, Ubuntu, UNIX, Solaris
- Technology   Seibel CRM, WebLogic, IBM WebSphere MQ, SAP BO
- Programming Language   SQL, C++, JAVA, .net, Shell Scripting, Python Coding
- Certification   Certified ITIL® Foundation Certificate in IT Service
- Skills   Algorithm Analysis, Object Oriented Design

Experience

Senior System Executive   **Cognizant Technology Solutions [CTS]**
                                                              June 2013 – July 2016

Middleware Administrator for **T-System UK** - Mobile network operators and internet service providers.
- Set up Application server environment as per client requirement.
- Supported various application servers and coordinated server upgrades.
- Deployed Java based WebLogic and WebSphere application under Program Integration Testing Environment.
- Resolved high priority issues like Server break down, certificate issues, etc. and provided root cause analysis.
- Worked on highly secure and critical UNIX/LINUX servers, carrying analysis of issues on production environment and fine tuning applications.
- Identified and documented frequent issues on confluence.
- Worked on SAP BO tools for STAR request grants, and related testing.

Deployment Administrator - **JP Morgan Chase & Co.** - A leading global financial services firm
- Deployed patches (UNIX, MS SQL, Oracle, etc.) for Investment Banking.
- Troubleshoot and resolved various deploy related issues.
- Ensured correct configuration and administration of reverse proxy servers in YELLOW/RED zone layers.
- Responsible for deploying/troubleshooting Business Archives and Configuration files through WebSphere Message Broker toolkit 8.1, WebSphere MQ Explorer 8.0and scripts.

Research Assistant   **IUPUI, IN**
                                                                    Nov 2016 - Present

Transportation Active Safety Institute (**TASI**) Delphi Research Project
- The TASI Smart Sensing for Driving Lab, focuses on the research and development of sensing technologies for autonomous driving vehicles.
- The major input devices for performing real time scene detection and tracking is video cameras and sensors.
- The big-data of naturalistic driving video for sensor development, environment visualization, vehicle testing benchmark, and accident analysis have been mined.
- Computer vision, artificial intelligence, and data mining approaches are applied to these objectives.

Projects

- **Sentiment Analysis in Medical Literature**
  Long-term project for Indian Institute of Science Bangalore. The project "Sentiment Analysis on Medical Literature" is to extract and integrate knowledge from unstructured data by using text mining routinely. The study was detailed on constructing a novel feature space towards effectively predicting the polarity and strength of a relationship between various food and disease entities using text mining.

  Python, NLTK

- **Dual window Implementation**
  Semester Project for Computer Graphics. My Role was to design a two output windows to display the objects. In first window, the objects are displayed without rotation and in the second window the objects are displayed with rotation and the selection was done using menus. 2D texture mapping was used.

  OpenGL

- **Privacy-Preserving Cipher-Text Multi-Sharing Control for Big Data Storage**
  Emulated a cloud storage by understanding the working of a hospital database where patient records were stored in the database. Data was stored only after being encrypted twice by using two different crypto-graphic algorithms. This maintained the security of the data. Additionally, when users (in this case, doctors) tried to retrieve data from the cloud, they did so by using cipher-texts to assure the anonymity of the users. Using the concepts of multi- sharing. This project used the merits of privacy, anonymity, cipher-text and big data storage to successfully imitate a patient-health information system.

  Java, MySQL, SQLyog, Eclipse, Cygwin, Hadoop, VMWare

Organisational Involvement

- Member of Innovation group in CTS.
- Member of event management committee of CITRIX-2011, 2012 (College Fest).
- Core member of Leo Club.
- Member of OutReach – An initiative to help unprivileged children with education funding.