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Work Experience:

- Working as Guest Faculty in Visvesvariah Technological University (Computer science Dept).
- Worked in Fortune Infoserve belgaum as QA Engineer (April 2015 to till April 2016), Belagavi.
- Worked as a QA Engineer in Igate Patni computer systems Limited (October 29, 2008 to March 2011), Hyderabad.
- Having good exposure of Software Development Projects ,Machine Learning Techniques, Cloud Computing, BIG DATA Analytics.

Academic Qualification:

- Completed M. Tech at VTU, Belagavi,2019.with 72%
- Passed B.E in Information Science in June 2007 with 74%.
- Passed HSC in June 2002 with 71%.

Technical Skills:

Languages : PYTHON, JAVA ,MATLAB, C ,C++
Technologies : Machine Learning, BIG DATA Analytics,IOT,Cloud Comuting

M.Tech Project: Weed Detection in agriculture lands using IOT, Machine Learning and Image Processing techniques

Abstract:

The project combines Image processing ,Machine Learning and IOT to detect and identify the weeds in agriculture lands. Once weeds are identified information is sent to farmers along with images marked with weeds. Image acquisition is accomplished by Raspberry Pi camera. The camera is mounted in the farms which can take images of the farm at regular intervals. Convolutional Neural Network is used instead of the classical image processing. CNN model is first trained by giving huge images of weed and crop. This trained CNN model is now deployed onto raspberry pi. Images from camera is sent to raspberry pi at regular intervals.

Raspberry-pi performs Image segmentation, by dividing the image into small segments. The Segmentation Algorithm used is Watershed Segmentation Algorithm. Each segment is passed onto Trained CNN model for classifying as weed or crop. If it is weed, the area is marked in the original image as weed. In this manner all the weed segments are marked and the marked image is sent to farmers through Email.

Projects Handled in Igate Patni hyderabad:

Project 1

Title : Unified Prepaid Support System (UPSS)
Type : Testing
Platform : AIX 5.3, IBM WAS 6.1, Windows XP, Websphere
Software : Java, J2EE, Oracle 10g, Web services, SOAP UI 2.0.2, Telnet, WinSCP
Billing System : Comverse IN, BSCS

Client : IBM (Vodafone – India)
Duration : June -2008 to March -2010
Role : Test Engineer

IBM, the biggest services companies in the world, is now the System Integrator (SI) for Vodafone and runs, maintains and enhances Vodafone Telecom IT system across India.

Vodafone Essar is the one of the largest providers of GSM cellular services in India providing services in twenty one telecom circles and is in the process of rolling out in two new circles to have an all India presence in cellular services. Vodafone Essar has a large customer base, geographically distributed at different locations in India, supported by different network elements like IN, HLR, AUC etc systems.

Responsibilities:

- Understanding the requirements/specifications of the client and acts as a sole functional resource.
- Coordinating with the Business Analyst and Technical Architects on the client requirements
- To design test cases for Use Cases under different modules specified in the Requirements.
- Involved in Sanity, functional, System, Regression and API testing.
- Involved in performing UAT testing with Client (IBM/Vodafone)
- Having experience of being on Production support and looking into the operations at the client side

Project 2:

Title : COBAL (Control Over Billing At Last)
Client : Carphone Warehouse, UK
Role : Sr. Test Engineer
Organization : Patni Computers Systems Ltd
Duration : March -2010 to March 2011
Team Size : 37
Environment : Oracle 10g, TOAD 9.1, Web services, WinSCP, CRM -

Project Description

CPW is the Communications provider in UK which provides telephony and internet services to residential and business customers. The lines are leased from Open Reach. The application used is COBAL which is launched to provide fixed Line, voice and data (LR, CPS and BB). CPW has SingleView as the group-billing platform which provides customers with a single convergent billing, integrated system is used right from placing the customer request/Orders.

Responsibilities:

- Involved in Designing of Test scenarios and test cases.
- Conducted reviews and preparation of test data for the respective test cases
- During execution time attending daily status calls and reporting the Environmental issues

Projects Handled in Fortune Infoserve ,Belgaum:

Project 3:

Title : Fortune Artha
Client : Co-op society
Role : Sr. Tester
Organization : Fortune Infoserve Pvt ltd,belgaum
Duration : April -2015 to Feb 2016
Team Size : 20

Project Description

Fortune ARTHA Software is a complete solution for Co-operative Societies.

Modules:

- Accounting Module
- Cashier Module
- Verifying Vouchers
- Shares
- Savings/FD/Pigmy/RD/Loans Module
- Reporting Module
- Security Module

Responsibilities:

- Involved in Designing of Test scenarios and test cases.
- Conducted reviews and preparation of test data for the respective test cases
- Involved in Sanity, functional, System Integration and Regression test execution
- Defect tracking and reporting in Quality Center