Chaitra Ramachandra

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SKILLS

Programming	Data
C	MySQL
C++	SAP Lumira
Python	SAP Hana
HTML + CSS	Oracle DB
JavaScript	SSIS
PHP	
Java	
SQL	
MATLAB	**Software**
LaTeX	Selenium
	Jira
OS	Agile PQM
Windows	MIB Browser
Linux	Wireshark

COURSES - GRADUATE

Linear Programming
Software Engineering

COURSES - UNDERGRAD

Object Oriented Programming
Data Structures
Operating Systems
Design and Analysis of Algorithms
Database Management Systems
Programming in Java
Software Engineering
Computer Networks
Data Mining
Information Storage
Web Programming
Software Testing
Business Intelligence
Cryptography
Information Security

VOLUNTEER WORK

- Event organizer for Pediatric Cancer Awareness Program at DELL
- Event organizer for eye and blood donation camp at Aashraya Foundations
- Volunteer for eye checkup and cataract operation camp at Lion's Club
- Volunteer for polio eradication program at Rotary Club

LEADERSHIP

- Ex-Cadet with rank as Lance Corporal under NCC (Battalion 29), India

EDUCATION

University of Colorado Boulder | Boulder, CO
Master's in Computer Science and Engineering
Aug 2016 - May 2018

R.V. College of Engineering | Bangalore, INDIA
Bachelor's in Information Science and Engineering
9.01/10.0
Sept 2010 - May 2014

WORK EXPERIENCE

DELL R&D   July 2014 – July 2016
Test Associate Engineer

Worked on Remote Management of Servers using embedded system called **iDRAC**
- Involved in automation of test cases using Python
- Created test plan and strategy for various releases of the product
- Responsible for logging defects and collaborating with developers

Project: Extended Sprint Testing 1.5   Mar 2016 – July 2016
- Writing new automation scripts for testing iDRAC features
- Validation of WSMAN, HTML5, AD, LDAP, SHA2 features

Project: Extended Sprint Testing 1.4   Sept 2015 – Feb 2016
- Manual testing of Network Cards, REDFISH and WSMAN Interface
- Stress testing on DELL PowerEdge Servers

Project: Extended Sprint Testing 1.3   Mar 2015 – Aug 2015
- Manual testing of RACADM CLI for iDRAC
- Automated test cases involving RACADM CLI

DELL INTERNATIONAL SERVICES   Jan 2014 – Apr 2014
Project Intern

Worked on a product called DELL SupportAssist. Developed a tool that could deploy, upgrade and test SupportAssist Server automatically without any human intervention.
Technologies used: Python, HTML, CSS, Oracle SQL Developer, cx_Oracle-11g Python extension, Oracle instantclient-11.2, SOAP UI

HESCOM (Government Electricity Supply Board)   July 2012 – Aug 2012
Technical Assistant – Intern

Worked on a product called Consumer Care and Billing (CCB), an online database and integrated billing system for the electricity supply board.
- Responsible for handling different types of data pertaining to electricity
- Involved in resolving IT issues in the consumer environment

COURSEWORK PROJECTS

CYBER CRIME DATA INTEGRATION AND ANALYSIS
Huge volumes of data pertaining to cyber-crime was garnered, cleaned, integrated, analysed and visualized.
Technologies used: SAP Lumira BI Solution, SAP Visual Intelligence, SSIS, SAP Hana cube

YEARBOOK WEB APPLICATION
Yearbook aimed at capturing memories of the college years. It functions like an online yearbook where users can upload photos, leave messages on their wall and chat.
Technologies used: HTML, PHP, JavaScript, jQuery, CSS, WebRTC

CONFERENCE BUDGET DBMS
It is an application in which the budget details regarding all the Conferences that have taken place in the college can be maintained.
Technologies used: C#, SQL Server, ASP.NET

TRACEROUTE
Developed a network tool which can be used to show the route taken by packets (addresses of all the intermediate routers) across an IP network.
Technologies used: Python