

## **G.GOKUL**

Mail ID : gokulguru.goku@gmail.com

Phone No: 9445702614



### **CAREER OBJECTIVE:**

To enhance my knowledge and skills in a reputed organization that helps me to hone my skills in the cutting edge technology that is necessary to solve the problems in a creative and effective manner.

### **EDUCATIONAL QUALIFICATION:**

**2009-2013** : B.E in Computer Science and Engineering from Rajalakshmi Engineering College (77.1%)

**2008-2009** : Higher Secondary (92.08%)

**2006-2007** : C.B.S.E. (87.2%)

### **JOB PROFILE:**

**Associate Software Developer (September 25<sup>th</sup> 2013 - present)**

**Log and Event Manager (LEM) - Connectors , SOLARWINDS**

### **JOB RESPONSIBILITIES:**

- 1) Fixing the cases reported by the customers, using an online bug tracking tool called Fogbugz.
- 2) Real time correlation of events and optimizing the RegEx patterns for the loglines such that it is compatible with the alerts pertaining to their corresponding category.
- 3) Dealing with NCD (New Connector Data) - Adding alert patterns to an existing connector using one of our in-built software suites called the TriGeo FATE(Fast Alert Tree Editor).
- 4) Creating perl scripts to automate functions and perform cron jobs. Updating the modifications made to the source code using the Perforce SCM.
- 5) Resolving issues in linux manager.
- 6) Creating new xml connectors for New Connector Request (NCR) from customer.
- 7) Debugging and modifying perl codes to support new features.
- 8) Creating new tools using perl that supports efficient performance.
- 9) Created several xml connectors for logs of firewalls, switches, routers, database and networking devices of popular vendors like Cisco, Juniper, Sophos, Fortigate, McAfee, Kaspersky, etc.
- 10) Analyzed packets for our product communication channel using tcpdump and wireshark.

## **TECHNICAL SKILLS:**

<b>Programming Language</b>	: C, C++, Core Java, perl, shell script.
<b>Platform</b>	: Windows XP, Windows 7, Windows8, Linux, Unix.
<b>Tools</b>	: Rational Rose, MS Office suite, Adobe Flash, Wireshark, tcpdump, Wondershare, Sam Spade, blender, fogbugz, SolarWinds LEM, nmap, curl, snort.
<b>Virtualization</b>	: VMware, Virtualbox, Xen, KVM, Qemu.
<b>Network simulator</b>	: Cisco packet tracer, opnet, NS3.
<b>Database</b>	: DB2, oracle, MySQL.
<b>IDE</b>	: NetBeans, Eclipse, MySQL workbench.
<b>Server</b>	: Apache Tomcat, Glassfish, wamp server, IIS.
<b>Web Service</b>	: HTML, DHTML, JavaScript.
<b>Others</b>	: TPM emulator, chrome plugin, Regex, FATE, perforce, fogbugz.

## **PROFESSIONAL QUALIFICATION:**

- Completed CCNA (CISCO CERTIFIED NETWORK ASSOCIATE) course from Cisco systems.
- Completed fast tracking course on networking from NIIT.
- Completed IBM-DB2 certificate course offered by IBM.
- Completed SCP (SolarWinds Certified Professional) certificate course offered by SolarWinds.
- Completed CCNP training in Sansbound.
- Completed Core Java training in NIIT.

## **INDUSTRIAL VISITS:**

- Attended programme in INFOSYS, Mahindra city.

## **TRAINING:**

- Underwent training in Microprocessor, Microcontrollers, VLSI held at SANS, Ashok Nagar.
- Attended IPv6 training programme in SolarWinds.

## **ACHIEVEMENTS:**

- Presented a paper on Value Based Metric Protocol in National Conference held at Karpagam College of Engineering.
- Went to finals in code debugging contest held in S. A. Engineering College.
- Presented a paper on Digital Voting in national level technical symposium held at Anna University.

## **FINAL YEAR PROJECT:**

### **DIAGONISING PERFORMANCE IN XEN VIRTUAL MACHINE:**

Virtual Machine Monitors are the software based solutions for sharing hardware through virtualization. Xen is an X86 virtual machine monitor based on a technique called paravirtualization. Paravirtualization avoids the drawbacks of full virtualization by providing virtual machine abstraction similar but not identical to the underlying hardware. Our performance study attempts to quantify and analyze the utilization of CPUs, memory and network in virtual machine environment.

## **MINI PROJECT:**

- Created a website for eee symposium held in our college (coulomb12).
- Created a website for mechanical society in our college.
- Prepared a placement portal for Technology Appreciation Program conducted by TCS.
- Created a simple web browser in visual basic.
- Created a chrome plugin to provide trust certification to cloud applications.
- Created a taxi tracking web service part of my curriculum.
- Created shell script to list files in particular folder except few and pass it to a string using separator.
- Created perl script to test limit of open file handlers in a linux machine.

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## **CO CURRICULAR ACTIVITIES:**

- Worked as event coordinator for project presentation event (yojana) in cse department symposium (automata13).

## **EXTRA- CURRICULAR ACTIVITIES:**

- Secured first place in kho-kho competition held at school level.
- Secured second place in volleyball competition held at school level.
- Part of the department football team in college.

## **DECLARATION:**

I hereby declare that all the data furnished above are true to my knowledge without any negligence.

CHENNAI

**G.GOKUL**