**RESUME**

**RAVI KUMAR REDDY.K**

Bachelor of Engineering in Computer Science,

Dayananda Sagar Academy of Technology and Management - 560082

**OBJECTIVE**

Seeking a position where skills in **Computer Networking/Software Engineering** will add value.

**PROFILE**

Displays strong analytical qualities, Benefits from all learning situations, Communicates clearly and concisely, Demonstrates excellent oral presentation skills, Displays an eagerness to improve, Hardworking.

**TECHNICAL SKILLS**

**Operating Environments:** Windows, Ubuntu, Fedora, Cisco Packet Tracer

**Software Languages:** C, C++, Java (Beginner)

**Hardware Languages:** 8086 Assembly Language (Beginner).

**Database Languages:** SQL (Beginner)

**Web:** HTML (Beginner).

**CERTIFICATIONS/COURSES**

* **Certified Cisco Networking Associate (CCNA):** Course Completed and en route to Exam
* **Certified White Hat Hacker (CWHH):** Course Completed till Level **2**, Organized by Computer Society of India (CSI) and Association of Computer Machinery (ACM)
* **Cloud Associate at The Cloud Enabled:** Course completed from The Cloud Enabled
* **IBNC-Winter Program:** CompletedNetwork Designing course corresponding to Cisco Devices conducted by IIT-Delhi and Association of Computer Machinery (ACM).

**EDUCATION**

* **B.E in Computer Science,** Dayananda Sagar Academy of Technology and Management (Degree expected June, 2015), current percentage is 67%
* **Intermediate,** Vignan Junior College, Vadlamudi, Guntur (2011), secured 94.8%.
* **Class 10,** JSS Public School, HSR Layout, Bangalore (2009), secured 85.6%

**INTERNSHIPS**

**1. Assistant Cloud Computing Trainer, IBNC India.**

Worked as Assistant Cloud Computing Trainer to train about 70 students on different functionalities of Cloud Computing such as:

* Theoretical concepts on Cloud Computing- Rudimentary concepts, Services ( SAAS, PAAS, IAAS )
* Virtualization and Cloud Computing
* Creating a Linux server instance and a Microsoft IIS7 instance server using AWS services from Amazon.
* Deploying a Website using AWS Services from Amazon.
* Creating a Volume, attaching it, detaching it, mounting it and unmounting it from an instance.
* Basic Auto Scaling Concepts.

**2. Assistant Networking Trainer, IBNC India.**

Worked as Assistant Networking Trainer to train about 40 students on Networking that are very much correlated to Cisco’s CCNA certification program. Some of them are:

* Fundamental Classifications in Networks, OSI and TCP/IP Models.
* Networking Devices, IPv4 Addressing and Sub netting.
* Cisco IOS Modes and other concepts.
* Dynamic Host Configuration Protocol
* Routing concepts and Protocols – RIP, RIPv2, EIGRP, OSPF.
* Switching and VLAN basics.
* Inter VLAN Routing, VTP and its modes, Port Fast.
* Access Lists and their implementation.
* Network Address Translation and Port Address Translation.  
   **PROJECTS**

#### **1. Embedded Systems Project:**

#### **Project Title : Interfacing Automobiles Using Smartphones**

#### **Project Description** : This project involves embedding a microcontroller ArduinoUnoR3 onto a scaled

Remote Controlled Car, which would control

different functionalities of a car using a mobile

#### **2. Web Based Project:**

* **Project Title : Ocarina**

**Project Description :** Ocarina mainly consists of designing and   
 developing a website that provides free virus-  
 free software to users with a rich and classic   
 download experience and acts a one stop to

learn about any technological trends.

**3. Android Application Projects:**

* **Project Title :Shopper**

**Project Description :** Working on an Android Application named

‘Shopper’ similar to Zomato but with a

provision to access every store’s details, rate

them, post reviews on them, obtain contact

details

* **Project Title :Forum**

**Project Description :** Working on an Android Application named

‘Forum’ which is a platform for people to

post queries on any issue that the user wishes

to know about. The app is mainly about user

interface and organization of information. It

does provide many other unique features.

**4**. **Network Designing Projects:**

* + **Project Title : 3 Layer Hierarchical Model**  
    **Project Description :** Designed a Network to demonstrate the three   
     layer architecture of Cisco (Access Layer,   
     Distribution Layer and Core Layer)  
    **Devices Used :** Network Media, Routers, Switches, Server-PTs   
     and PCs
  + **Project Title : Campus Area Network Design**  
    **Project Description :** Designed a Network to demonstrate the  
     Network in a Company’s Campus. Different  
     Routing Protocols and Access Protections used.
  + **Project Title : MAN and WAN Network Design**  
    **Project Description :** Designed a Network that has 8 and 6 branches  
     of a company in a Campus Network design,   
     they are accessing internet through ISP.
  + **Project Title : Company’s Infrastructure Design**  
    **Project Description :** Designed a Network to demonstrate the   
     connectivity between different departments  
     using a Multi-Layer Switch and DHCP protocol  
     to connect them.
  + **Project Title : Hospital Network Design**  
    **Project Description :** Designed a Network that has 6 branches of a  
     hospital in different cities, they are accessing  
     internet through ISP
  + **Project Title : Inside Network Design**  
    **Project Description :** Designed a Network that has 5 Departments of a   
     company in the same building, they are  
     accessing internet through ISP. Main focus was   
     on EIGRP and OSPF Protocols and Basic Inter  
     VLAN Routing.

**5. C Projects:**

* + **Project Title**  **:** **Development of a Hospital Management  
     System**

**Project Description**  : Designed a Hospital Management System withthe following specifications: Secure Mode  
 Access, Patient and Doctor Data Entries and  
 receives feedback.

* + **Project Title** **: Implementation of a text editor**

**Duration** : 2 weeks

**Project Description** : A text editor similar to UNIX’s editor is  
 implemented using a command line interface for   
 the list of commands specified.

**6. Graphics Projects:**

* + - **Project Title**  **: Development of Binary Search Algorithm in Open GL**

**using basic Graphics Functions.**

**Project Description** : The aim of this project was to develop a  
 synthesizable description of the Binary Search  
 Algorithm for a given input set that includes  
 different orders of traversal.

**Software** : Open GL, Code Blocks IDE for simulation.

**WORKSHOPS/SEMINARS/PAPER PRESENTATIONS**

* Won IBNC (Networking Championship) at Zonal Level conducted by Association for Computer Machinery (ACM) and IIT, Delhi.
* Participated in NNSc workshop on configuration and routing of Cisco Routers and Switches using Cisco IOS by Network Bulls, Association for Computer Machinery(ACM) and IIT, Delhi
* Partook in Hands on Workshop on Programming with Android by Pravid Solutions: Using Core java script and a SDK to develop basic apps for Android Devices.
* Attended workshop on “Nanotechnology and Biosensors: Present and Future Perspectives” organized by Indian Academy of Science And INSA.
* Paper Presentation on Google’s Project ARA corresponding to mobile module devices.
* Attended all the levels of workshops conducted by Centre for Innovation and Leadership during 2011-2013

**SELECTED ACHIEVEMENTS**

* Awarded **Credit** grade in International Assessments For Indian Schools,2006 by University of New South Wales
* Secured a Rank of **9421** (**87** Percentile) at national level in the 10th National IT Aptitude Test(2014) by NIIT (NITAT).
* Secured a Rank of **618** at national level in 3rd Nationwide Interactive Maths Olympiad by EduHeal Foundation and EduSys.
* Secured Ranks of **5** and **3** respectively in 7thand 8th National Cyber Olympiads conducted by Science Olympiad Foundation
* Secured **First** Class in The International Chinthana Mathematics Examination 2007-08.
* Completed the **Advanced** Level of General Knowledge Examination in Proficiency held by Centre for Human Resource Development.

**PERSONAL INFORMATION**

Name : Ravi Kumar Reddy.K

Date of Birth : 17th January, 1994

Languages Known : English, Telugu, Hindi, Kannada

Permanent Address : S/o Babu Prasad Reddy.K,

Flatno202, Sai Shristi Apt., Muneshwaranagar,

TC Palya Main Road, RM Nagar, Bangalore

PIN: 560016

Mobile No: 7411340221

Hobbies : Reading books, Badminton, Serials.

Email ID : [ravikumark815@gmail.com](mailto:ravikumark815@gmail.com)

**DECLARATION**

I hereby declare that the above mentioned information is true to the best of my knowledge and belief.

**Place**: Bangalore

**Date**: