**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

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

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

**Database Languages:** SQL (Beginner)

**Web:** HTML (Beginner), ASP.NET (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

**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 Advanced 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 : Securing Freescale Car Using Wireless Interface**

#### **Project Description** : This project involves embedding a microcontroller FRDM KL25Z onto a Freescale car, which would govern the speed of the car at real-time, help the user while taking a curve by applying automatic brakes depending on the curve, a security system which will provide an anti-theft functionality to the auto mobile through a moving device such as a mobile.

#### **2**. **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.   
    **Devices Used :** Network Media, Routers, Switches, Server-PTs   
     Multi-Layer Switches and PCs
  + **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.  
    **Devices Used :** Network Media, Routers, Switches, Server-PTs   
     and PCs,
  + **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.  
    **Devices Used :** Network Media, Routers, Switches, Server-PTs   
     and PCs
  + **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  
    **Devices Used :** Network Media, Routers, Switches, Server-PTs   
     and PCs
  + **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.  
    **Devices Used :** Network Media, Routers, Switches, Server-PTs   
     and PCs

**3. 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. **Software**  : C
* **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.

**Software** : C

**4. Graphics Projects:**

* **Project Title**  **: Development of Binary Search Algorithm in  
   Open GL using basic Graphics Functions.**

**Duration** : 2 weeks

**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/PAPERS**

* 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 **8**,**5** and **3** respectively in 6th,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: 500016

Mobile No: 7411340221

Hobbies : Reading books, Badminton, Browsing.

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**: