

AYYAPPA RAJ

#310, Ayyappa Bhawan,
New 10th cross, B.H.E.L. mini colony,
T. Dasarahalli, Bangalore-560057.

Phone : 080-28390099
Mobile: +91 9036530179
Email : mipro.raj@gmail.com

CAREER OBJECTIVE:

To seek a challenging and ever increasing responsible position with strong technical and operational skills and hard work, wherein I have growth and ample scope to prove my potential and be an Asset to the Organization.

EDUCATIONAL QUALIFICATION:

Course	University /Institution	Year	Aggregate
B.E (Computer Science)	Visvesvaraya Technological University / Sambhram Institute of Technology, Bangalore.	2012	65.76%
II P.U.C	PU Board / Sree Ayyappa PU Composite, Bangalore.	2008	77.67%
SSLC	Karnataka Secondary Education Examination / Sree Ayyappa Education Centre, Bangalore.	2006	84.16%

TECHNICAL KNOWLEDGE:

- Basics of Microprocessors, C, C++, C# .NET.
- DBMS, ORACLE 8i , SQL.
- Adobe Photoshop.

MINI PROJECT:

Title: “ILLUSTRATION OF PRIM’S ALGORITHM”

Team Size : Two

Role : As a member involved in the overall design and development of the product.

Duration : 6 Months

Software used: OpenGL, Visual C++ 6.0.

Description:

The project mainly deals with the graphical illustration of Prim’s algorithm of finding shortest path for a given undirected graph. The user will have to enter the adjacency matrix of the undirected graph ,this program will show the graphical model of the graph for the given matrix and it will also indicate the shortest path along with minimum spanning tree.

PROJECT:

Title: “**Power Aware Routing To Support Real Time Traffic In Mobile Adhoc Networks**”

Team Size : Four

Role : As a member involved in the overall design and development of the product.

Duration : 6 Months

Software used: C# in .Net platform, Visual studio 8.0.

Description:

In order to facilitate communication within a mobile adhoc network, an efficient routing protocol is required to discover routes between mobile nodes. Power is one of the most important design criteria for adhoc networks as batteries provide limited working capacity to the mobile nodes. Power failure of a mobile node not only affects the node itself but also its ability to forward packets on behalf of others and hence affects the overall network lifetime. In this project we propose an efficient algorithm, which maximizes the network lifetime by minimizing the power consumption during the source to destination route establishment. As a case study, proposed algorithm has been incorporated along with the route discovery procedure of AODV and by simulation it is observed that proposed algorithm’s performance is better as compare to AODV in terms of packet delivery ratio and network lifetime for different network scenarios.

ACHIEVEMENTS:

- Received First Prize in On-Spot programming conducted by Sa.I.T college-fest (Vibez) 2011.
- Received First Prize in On-Spot programming conducted by I.S.E. dept of Sa.I.T. in 2012.
- Served as Technical Organiser for technical events (Debugging & On-spot programming) conducted for both Sa.I.T. college-fest (Vibez) 2012 and C.S.E dept fest (Pratyush) 2012.

PERSONAL DETAILS:

- Date of Birth : 20-April-1990
- Father’s Name : Rajasekharan Nair K
- Nationality : Indian
- Languages Known : English, Kannada, Malayalam, Hindi, Tamil.
- Hobbies/Interest : Photo editing, Photography, Cycling and Listening to music, Learning new technolgies.

DECLARATION:

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

Place: Bangalore

Date:

(Ayyappa Raj)