

# RESUME

## **RAJAKUMAR PALANISAMY**

S/O R.Palanisamy,  
Chikkinayakkanpalayam,  
Kunnamalai (P.O), Paramathi-Velur (TK),  
Namakkal (DT)-637203.

**Mobile No. :** +91 9751425134.

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



### **OBJECTIVE**

Self-directed, enthusiastic educator with a passionate commitment to student development and the learning experience. Skilled in the design of challenging, enriching, and innovative activities that address the diverse interests and needs of students.

### **PROFESSIONAL EXPERIENCE**

|                         |   |
|-------------------------|---|
| <b>College</b>          | KSR Institute for Engineering & Technology.   |
| <b>Date of Joining</b>  | 02.06.2014.   |
| <b>Experience</b>       | 2 Years 2 Months.   |
| <b>Responsibilities</b> | <u>Website Designing</u> – Completed Intranet project that includes full department details using PHP.<br><br><u>Project Coordinator</u> - Final year project in-charge, internal for the final year project for 2011-15 batch students. In charge for the mini projects of the students. |
| <b>Subjects Handled</b> | Computer Networks.<br>Object Oriented Programming & Data Structures.<br>Design & Analysis of Algorithms.<br>OOPs & DS Lab.<br>Mobile Computing.   |

### **EDUCATIONAL DETAILS**

| <b>DEGREE</b> | <b>UNIVERSITY / BOARD</b>   | <b>COLLEGE</b>                               | <b>YEAR OF STUDY</b> | <b>PERCENTAGE / CGPA</b> |
|---------------|-----------------------------|--|----------------------|--------------------------|
| M.TECH – IT   | ANNA UNIVERSITY, CHENNAI    | ANNA UNIVERSITY, REGIONAL CENTRE, COIMBATORE | 2012 – 2014          | 7.94                     |
| B.TECH – IT   | ANNA UNIVERSITY, COIMBATORE | BANNARI AMMAN INSTITUTE OF TECHNOLOGY        | 2007 – 2011          | 8.01                     |
| HSC           | STATE BOARD                 | SRI VISHWA BHARATHI HIGHER SECONDARY SCHOOL  | 2007                 | 85.5                     |
| SSLC          | STATE BOARD                 | SRI RAMAMOORTHY HIGHER SECONDARY SCHOOL      | 2005                 | 87.2                     |

## COMPUTER SKILLS

**Engineering:** Android, PHP, Java.

**Web Design:** PHP, HTML, Java Script.

**Tools:** Android studio, Net beans.



### Skills

1. Create Basic Animations.
2. Work with Navigation Drawer.
3. Using Fragments.
4. Android Sqlite Database.
5. Create and Display WebPages using Web View.
6. JSON in Android.
7. Android Services, BroadcastReceiver.
8. Notification Manager.
9. Android Sensors and Touch.

### Mobile Apps Created

- KSRIET Profile App.
- My Resume.
- KSRIET App.
- IT Profile App.
- Syllabus App.

### Tools

Android studio, Eclipse.



### Skills

1. PHP
2. HTML.
3. CSS.
4. JAVA SCRIPT.

### Websites Created

- Stock Management System for KSR Institutions.
- KSRIET-IT Intranet Website.
- Online Quiz System.

### Tools

WampServer, DreamWeaver.

## PUBLICATIONS

1. P. Rajakumar, T. Prasannavenkatesan, A. Pitchaikkannu, “Security Attacks and Detection Schemes in MANET,” **IEEE Explore**, Proc. of International Conference on Electronics and Communication Systems (ICECS 2014), Vol. 2, pp: 363 – 367, Feb 14<sup>th</sup> 2014.
2. T. Prasannavenkatesan, P. Rajakumar, A. Pitchaikkannu, “Intrusion Detection System for MANETs,” **IJCA**, Proc. of International Conference on Advances in Computer Engineering and Applications (ICACEA 2014), Feb 15<sup>th</sup> 2014.
3. P. Rajakumar, T. Prasannavenkatesan, A. Pitchaikkannu, “Intrusion Detection System for MANETs,” **IEEE Explore**, Proc. of International Conference on Communication Systems and Network Technologies (CSNT 2014).

## INTERNATIONAL CONFERENCES

1. Participated in International Conference on Electronics and Communication Systems (ICECS 2014) as a presenter for the paper “**Security Attacks and Detection Schemes in MANET**” on 13 – 14 Feb 2014 at Karpagam college of Engineering.
2. Participated in International Conference on Communication Systems and Network Technologies (ICACEA 2014) as a presenter for the paper “**Intrusion Detection System for MANETs**” on 15 Feb 2014 at IMS College of Engineering.

## PG PROJECT

|                      |   |
|----------------------|---|
| <b>Project Title</b> | <b>A CLIENT BASED TTL METHOD FOR MAINTAINING CACHE CONSISTENCY IN A MOBILE AD-HOC NETWORKS</b>  |
| <b>Description</b>   | This project deals with maintaining consistency between mobile node and server. DCIM is a client based cache consistency method but it does not focus on node disconnections. This project improves DCIM architecture and sends replications to nearby caching nodes. |

## UG PROJECT

|                      |   |
|----------------------|---|
| <b>Project Title</b> | <b>DETECTION OF DDOS ATTACKS</b>  |
| <b>Description</b>   | This project concentrate to solve the Distributed Denial of Service (DDoS) attacks with the true identity of the attacker and to overcome the security issues in IP-V6 and to identify efficient marking scheme for IP traceback. |

## AREA OF INTEREST

1. Mobile Application Development.
2. Web Designing.
3. Networks.
4. Mobile Communications.

## RESOURCE PERSON

**Workshop** Resource person for the workshop “**ANDROID APPLICATION DEVELOPMENT**” held at KSR Institute for Engineering & Technology.

## CO – CURRICULAR ACTIVITIES

**FDP** Attended Five days FDP program on “**C# & ADO.Net Programming**” conducted by ICT Academy of Tamil Nadu.

Attended Five days FDP program on “**Mobile App Development**” conducted by ICT Academy of Tamil Nadu.

Attended One week FDP program on “**Design & Analysis of Algorithms**” at KSR College of Engineering.

Attended One day FDP program on “**Network Simulations**” at KSR Institute for Engineering & Technology.

**Workshops** Attended one day workshop on “**Android Application Development**” held on 19/10/2015 by Anna university, Regional Centre, Coimbatore 2015.

Attended two days workshop on “**NETWORK SIMULATION TOOLS**” held on 9,10<sup>th</sup> Oct 2013 by Anna university, Regional Centre, Coimbatore 2013.

Attended the two days National Workshop on “**NETWORK SIMULATION USING NS2 (Hands-on Training)**”, conducted at Anna university, Regional Centre, Coimbatore – 641047 on 12<sup>th</sup> and 13<sup>th</sup> November 2013.

Participated in the Workshop on “**WEB 2.0**” by **IBM** conducted as a Part of “aBaCUS -10” held at College Of Engineering, Guindy, Anna University Chennai.

Participated in the Two Days Workshop On “**LINUX OPERATING SYSTEM**”, organized by the Department of Information Technology, Bannari Amman Institute Of Technology, Sathyamangalam, during 24 to 25 Jan 2009.

**Seminar** Attended one day seminar on “The Theory and Practice of **CLOUD COMPUTING VIRTUALISATION**” held on 7<sup>th</sup> Oct 2013 by Anna university, Regional Centre, Coimbatore 2013.

## PERSONAL DETAILS

**Father's Name** : Mr.R.Palanisamy.  
**Date of Birth** : 01-06-1989.  
**Languages Known** : English, Tamil (Read, Write, Speak).  
**Hobbies** : Watching tutorials on youtube.

## DECLARATION:

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

DATE :

PLACE: Namakkal.

**(P.RAJA KUMAR)**