



Anand Nagar, Krishnankoil - 626126, Srivilliputtur (via), Virudhunagar District, Tamilnadu.

**APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES**

Date of Application:18-09-2025

Department	COMPUTER APPLICATIONS	Application No.	2025010430
Area of Research	CYBER SECURITY	Research Mode	PART TIME

**Name** :PERUMALSAMY D  
**Date of Birth / Age** :29-04-1980 / 45 Years  
**Gender** :MALE  
**Category** :BC  
**e-Mail ID** :peru\_mca@yahoo.com  
**Mobile** :(919) 793-4442



<b>Father's/Husband's Name</b>	DEVARAJ	<b>Father's/Husband's Occupation</b>	RETIRED
<b>Family Income</b>	USD 158,000	<b>Residential Type</b>	RURAL
<b>Birth Place</b>	O.KOVILPATTI	<b>Mother Tongue</b>	TAMIL
<b>Religion</b>	HINDU	<b>Martial Status</b>	MARRIED
<b>Aadhaar No.</b>	9976 5693 5593	<b>PAN No.</b>	APWPP2851H
<b>Physically Challenged</b>	NO	<b>Type of Disability</b>	-
<b>Address for Communication:</b> 6265 ALLISON RD CUMMING FORSYTH DISTRICT GA USA Pin-30040		<b>Permenant Address:</b> 2/362, O. KOVILPATTI SANKARALINGAPURAM VIRUDHUNAGAR DISTRICT TN INDIA Pin-626119	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
MCA	COMPUTER APPLICATION	PERIYAR UNIVERSITY	2005	73.55%	FIRST	DISTANCE
BSC	COMPUTER SCIENCE	MADURAI KAMARAJ UNIVERSITY	2002	63.59%	FIRST	REGULAR

Experience					
Organization	Designation	Experience From	Experience TO	Work Nature	
COGNIZANT TECHNOLOGY SOLUTIONS	SR. ARCHITECT	2014-03-17	1970-01-01	ARCHITECTING, AND SOLUTIONING	
ARISTON TEK INC	CONSULTANT	2013-07-23	2014-03-14	DESIGN AND DEVELOPMENT	
HCL TECHNOLOGIES	SENIOR CONSULTANT	2009-11-12	2013-07-22	DEVELOPMENT AND SOLUTIONING	
SIEMENS	ASSOCIATE CONSULTANT	2008-11-02	2009-11-10	SOFTWARE DEVELOPMENT	

Payment Details
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Transaction ID	Reference	Date of transaction	Amount	Status
2025010430_250929210214	BHD58OI0XT7ELG	29-09-2025	600	SUCCESS

2990526

CERTIFICATE S. NO. AA

DEPARTMENT OF GOVERNMENT EXAMINATIONS, MADRAS 600 006

**SECONDARY SCHOOL LEAVING CERTIFICATE**

X - STANDARD - REVISED PATTERN

ISSUED UNDER THE AUTHORITY OF THE GOVERNMENT OF TAMIL NADU

*Certified that***D PERUMALSAMY***appeared for the**SSLC Public Examination and obtained the following percentage of marks:***MAR. 1995**

SUBJECT	MARKS	
TAMIL	75	SEVEN FIVE
ENGLISH	69	SIX NINE
MATHEMATICS	66	SIX SIX
SCIENCE	73	SEVEN THREE
SOCIAL SCIENCE	56	FIVE SIX
TOTAL	339	THREE THREE NINE

DATE OF BIRTH	REGISTER NO.	TMR CODE NO. & DATE
29.04.1980	088999	A083858 17.06.1995
SCHOOL		
<b>6 HSS SANKARALINGAPURAM</b>		

A PASS IN THE SSLC (X STD.) EXAMINATION REQUIRES A MINIMUM OF THIRTY FIVE PERCENT OF MARKS IN EACH ONE OF THE FIVE SUBJECTS. THIS INCLUDES PASSING UNDER THE COMPARTMENTAL SYSTEM ALSO.

*D Perumalsamy*  
Candidate's Signature :

*Secretary*  
Secretary  
BOARD OF SECONDARY EDUCATION  
TAMIL NADU

DEPARTMENT OF GOVERNMENT EXAMINATIONS MADRAS 600 006

# HIGHER SECONDARY COURSE CERTIFICATE

VOCATIONAL EDUCATION

ISSUED UNDER THE AUTHORITY OF THE GOVERNMENT OF TAMIL NADU

D PERUMAL SAMY

Certified that  
MAR. 1997

appeared for the

Higher Secondary Examination and obtained the following marks:

SUBJECT	MARKS OBTAINED FOR 200
TAMIL	129 ONE TWO NINE
ENGLISH	108 ONE ZERO EIGHT
MATHEMATICS	050 ZERO FIVE ZERO
BUSINESS MACHINES & COMPUTER PROGRAMMING	
PRACTICAL-TYPEWRITING(E)	160 ONE SIX ZERO
THEORY-COMP.PROG&ELE.OF	111 ONE ONE ONE
PRACTICAL-COMP.PROG&DATA	200 TWO ZERO ZERO
<b>TOTAL MARKS:</b>	<b>0758 ZERO SEVEN FIVE EIGHT</b>

GROUP CODE 764

DATE OF BIRTH 29/04/80	REGISTER NO. 546126	TMR CODE NO. & DATE V017270-23.05.1997
SCHOOL SBK HSS ARUPPUKOTTAI		

MINIMUM FOR A PASS : 70 MARKS OUT OF 200 IN EACH SUBJECT. THIS INCLUDES PASSING UNDER THE COMPARTMENTAL SYSTEM ALSO.

D. Perumal Samy  
Candidate's Signature :

  
BOARD OF HIGHER SECONDARY EXAMINATION  
TAMIL NADU

DEPARTMENT OF GOVERNMENT EXAMINATIONS MADRAS 600 006

**HIGHER SECONDARY COURSE CERTIFICATE**

VOCATIONAL EDUCATION

ISSUED UNDER THE AUTHORITY OF THE GOVERNMENT OF TAMIL NADU

*Certified that*

D PERUMALSAMY

*appeared for the* MAR. 1999

*Higher Secondary Examination and obtained the following marks :*

SUBJECT	MARKS OBTAINED FOR 200
***** ***** MATHEMATICS	***** ***** 070 ZERO SEVEN ZERO
***** ***** *****	***** ***** *****
TOTAL MARKS : 0070 ZERO ZERO SEVEN ZERO	

GROUP CODE 764

DATE OF BIRTH 29/04/80	REGISTER NO. 939403	TMR CODE NO. & DATE V054580 23.05.1999
SCHOOL PRIVATE		

MINIMUM FOR A PASS : 70 MARKS OUT OF 200 IN EACH SUBJECT. THIS INCLUDES PASSING UNDER THE COMPARTMENTAL SYSTEM ALSO.

Candidate's Signature :

  
Secretary  
BOARD OF HIGHER SECONDARY EXAMINATIONS  
TAMIL NADU



அறிவியல் புலம்  
FACULTY OF SCIENCE

பெரியார் பல்கலைக்கழக ஆட்சிக்குழு 2005 ஆம் ஆண்டு ஜூன் மாதம்  
நடந்த கணிணிப்பயன்பாட்டியல்

தேர்வில் D பெருமாள் சாமி

என்பவர்

முதல் வகுப்பில்

தேர்ச்சி பெற்றார் என்று தக்க

தேர்வாளர்கள் சான்றளித்தபடி

கணிணிப்பயன்பாட்டியல் நிறைஞர்

என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

*The Syndicate of the Periyar University hereby makes known*  
*that* **PERUMAL SAMY D** *has been*  
*admitted to the* **DEGREE OF MASTER OF**  
**COMPUTER APPLICATIONS**

*he/she having been certified by duly appointed Examiners to be qualified*  
*to receive the same and was placed in the* **FIRST CLASS**  
*at the Examination held in* **JUN-2005**

Given under the seal of this university



நாள்

Dated 17-09-2006  
சேலம் 636011, தமிழ்நாடு, இந்தியா.  
Salem 636011, Tamil Nadu, India.

பதிவாளர்(பொ)  
Registrar i/c

துணைவேந்தர்  
Vice-Chancellor



அறிவியல் புலம்  
FACULTY OF SCIENCE

பெரியார் பல்கலைக்கழக ஆட்சிக்குழு 2005 ஆம் ஆண்டு ஜூன் மாதம்  
நடந்த கணிணிப்பயன்பாட்டியல்

தேர்வில் D பெருமாள் சாமி

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Given under the seal of this university



நாள்

Dated 17-09-2006  
சேலம் 636011, தமிழ்நாடு, இந்தியா.  
Salem 636011, Tamil Nadu, India.

பதிவாளர்(பொ)  
Registrar i/c

துணைவேந்தர்  
Vice-Chancellor



S.No. : P 061324

பெரியார் பல்கலைக்கழகம்  
PERIYAR UNIVERSITY



CENTRE CODE	REG. NO./ENRL. NO.
1103	02DBCA1037

FOLIO NUMBER	DATED
F01691	21-03-2006

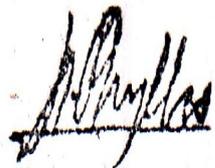
### PROVISIONAL CERTIFICATE

*This is to certify that* PERUMAL SAMY D  
*has qualified for the degree of* MASTER OF COMPUTER APPLICATIONS  
*and he / she having passed the above Degree Examination held in* JUN-2005  
*as follows :*

CORE COURSE:COMPUTER APPLICATIONS

FIRST CLASS

SALEM - 636 011

  
CONTROLLER OF EXAMINATIONS

Perumalsamy Devaraj,  
21362, O.Kovilpatty,  
Sangarlinga puram (Post)  
Virudhunagar – 626119  
Tamil-Nadu

Name	Ravindra Reddy
Department	SISL HR Human Resources
Telephone	+91 (80) 25112122
Fax	+91 (80) 25112346
Mobile	
E-mail	<a href="mailto:Ravindra.reddy@siemens.com">Ravindra.reddy@siemens.com</a>
Your letter of	30 <sup>th</sup> October 2009
Our reference	ESS/SISL/NR/BAN
Date	10 <sup>th</sup> November 2009

### Acceptance of Resignation and Relieving Letter

Dear Mr. Devaraj,

Further to your letter dated 30<sup>th</sup> October 2009 regarding your resignation from the services of the company, we confirm receipt of the following documents:

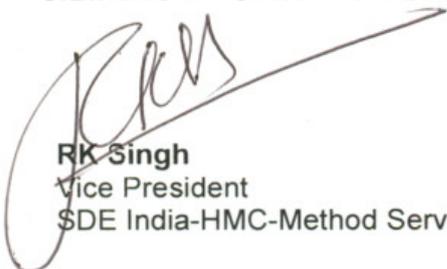
1. Employee Checklist / Clearance Form
2. Clearance from Employee's Department
3. I/T Subjects

We have accepted your resignation and you have been relieved from the services of the Company after the closing hours of 10<sup>th</sup> November 2009.

We wish you all the best.

Yours faithfully,

**SIEMENS INFORMATION SYSTEMS LTD.**



**RK Singh**  
Vice President  
SDE India-HMC-Method Services



**Kailas Nadkarni**  
Associate Vice President  
Human Resources

Siemens Information Systems Ltd.  
Management : Sanjeev Sinha

No. 84, Keonics Electronics City  
Post Box No. 22921  
Hosur Road  
Bangalore - 560 100

Tel.: +91 (80) 2852 1122  
Fax: +91 (80) 2511 4503  
[www.sisl.siemens.co.in](http://www.sisl.siemens.co.in)

Mr. Perumalsamy Devaraj,  
Associate Consultant  
21362, O.Kovilpatty,  
Sangarlinga puram (Post)  
Virudhunagar – 626119  
Tamil Nadu

Name	Ravindra Reddy
Department	SISL HR Human Resources
Telephone	+91 (80) 25112122
Fax	+91 (80) 25112346
Mobile	
E-mail	<a href="mailto:Ravindra.reddy@siemens.com">Ravindra.reddy@siemens.com</a>
Your letter of	30 <sup>th</sup> October 2009
Our reference	ESS/SISL/NR/BAN
Date	10 <sup>th</sup> November 2009

**TO WHOMSOEVER IT MAY CONCERN**

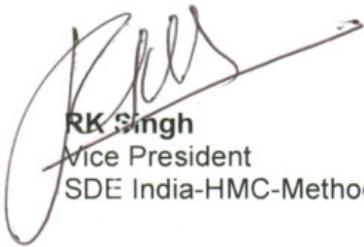
This is to certify that Mr. Perumalsamy Devaraj, (Roll No: 75010235) was employed with Siemens Information Systems Limited from 11<sup>th</sup> February 2008 to 10<sup>th</sup> November 2009.

At the time of leaving service, his designation was Associate Consultant.

We wish him all the success in his new assignment.

Yours faithfully,

**SIEMENS INFORMATION SYSTEMS LTD.**



**RK Singh**  
Vice President  
SDE India-HMC-Method Services



**Kailas Nadkarni**  
Associate Vice President  
Human Resources

**Siemens Information Systems Ltd.**  
Management : Sanjeev Sinha

No. 84, Keonics Electronics      Tel.: +91 (80) 2852 1122  
City      Fax: +91 (80) 2511 4503  
Post Box No. 22921      [www.sisl.siemens.co.in](http://www.sisl.siemens.co.in)  
Hosur Road  
Bangalore - 560 100

Registered Office: 130, Pandurang Budhkar Marg, Worli, Mumbai 400 018. Telephone +91 22 24987000. Fax +91 22 24987500.  
Branch Office: Bangalore, Chennai, Gurgaon, Kolkata, Mumbai, Pune.



**January 31, 2008**

**Mr. Perumalsamy Devaraj**  
**Employee No. B3377**

Dear Perumalsamy,

**Sub: Your resignation and acceptance thereof**

With reference to your resignation dated **January 18, 2008** and in furtherance to your discussions with us we hereby inform you that we are regrettfully accepting the same. You would be relieved from the services of the company at the close of working hours on **January 31, 2008**.

You have been an integral part of Infinite, and we thank you for your contributions towards the growth of the organization.

We wish you the very best for all your future endeavors.

Sincerely,  
**for Infinite India**  
**(Infinite Computer Solutions India Pvt. Ltd.)**

  
**Bipasha Bhattacharya**  
**Human Resources**

**Infinite India (A division of Infinite Computer Solutions India Pvt. Ltd.)**

Plot No. 157, EPIP Zone, 2nd Phase, Whitefield, Bangalore - 560 066. India  
Ph : 91-80-4193 0000, Fax : 91-80-4193 0009, URL : [www.infics.com](http://www.infics.com)



**January 31, 2008**

**Mr. Perumalsamy Devaraj**  
**Employee No. B3377**

**Dear Perumalsamy,**

Your service record is as follows:

**NAME : Perumalsamy Devaraj**  
**EMPLOYEE ID : B3377**  
**DESIGNATION : Associate Software Engineer**  
**DEPARTMENT : Delivery**  
**DATE OF JOINING : September 11, 2006**  
**DATE OF RELIEVING : January 31, 2008**  
**REASON FOR SEPARATION: Resignation**

You are requested to contact Accounts Department for your Full and Final settlement.

Sincerely,  
**for Infinite India**  
**(Infinite Computer Solutions India Pvt. Ltd.)**

  
**Bipasha Bhattacharya**  
**Human Resources**

**Infinite Computer Solutions India Pvt. Ltd.**

Plot No. 157, EPIP Zone, 2nd Phase, Whitefield, Bangalore - 560 066. India  
Ph : 91-80-4193 0000, Fax : 91-80-4193 0009, URL : [www.infics.com](http://www.infics.com)



solutions beyond expectations

**Pristine Communications Pvt. Ltd.**

# 57, 2nd Floor, Jayalakshmi Chambers, Residency Road  
Opp. Nagarjuna Residency, Bangalore - 560 025. Ph : 41235298 / 99  
E-mail : info@pristinesols.com Website : http://www.pristinesols.com

8<sup>th</sup> September, 2006

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Mr.Perumalsamy D** working in our organization as a  
**Trainee Software Engineer** from 11<sup>th</sup> July,2005 to 8<sup>th</sup> September, 2006.

During his period of tenure his performance has been satisfactory. His contribution as  
**Trainee Software Engineer** for the Organization is highly appreciable.

We wish him good luck in his future endeavors.

**For Pristine Communications Pvt. Ltd**

Jayachandra Reddy.M.S  
**Authorised Signatory**

आयकर विभाग  
INCOME TAX DEPARTMENT



भारत सरकार  
GOVT. OF INDIA

PERUMALSAMY D

DEVARAJ

29/04/1980

Permanent Account Number

APWPP2851H

*D. Perum*

Signature



25112008



இந்திய தேர்தல் ஆணையம்  
வாக்காளர் அடையாள அட்டை  
ELECTION COMMISSION OF INDIA  
IDENTITY CARD

ZAY0523365



வாக்காளர் பெயர் : பெருமாள்சாமி

Elector's Name : Perumalsamy

தந்தை பெயர் : தேவராஜ்

Father's Name : Devaraj

பாலினம் / Sex : ஆண் / Male

பிறந்த தேதி / Date of Birth : 29/04/1980

ZAY0523365

முகவரி: 2-362 / 2-111  
மேற்கு தெரு  
ஓ கோவில்பட்டி  
விருதுநகர் வட்டம்

Address : 2-362 / 2-111  
west Street  
O Kovilpatti  
Virudhunagar Taluk

நாள் / Date : 14/01/2011

வாக்காளர் பதிவு அதிகாரியின்  
கையொப்ப முத்திரை  
206 - விருதுநகர்  
சட்டமன்ற தொகுதி

Facsimile Signature of  
Electoral Registration Officer  
206 - Virudhunagar

Assembly Constituency  
முகவரியில் மாற்றம் ஏற்பட்டால் வாக்காளர்  
பட்டியலில் புதிய முகவரியில் உங்கள் பெயரைச்  
சேர்ப்பதற்கான உரிய படிவத்தில் இந்த  
அட்டையின் எண்ணைக் குறிப்பிட்டு, இதே  
எண்ணில் அட்டையை பெறவும்

In case of change of address, mention this card  
No. in the relevant form for including your name  
in the roll at the changed address and to obtain  
the card with same number. 176/829

C. No. 253/92

\*CERTIFICATE No.

3525113



DISTRICT CODE 17

TALUK CODE 05

VILLAGE CODE 048

### COMMUNITY CERTIFICATE

This is to certify that... D. P. PERUMALSAMY...  
son/daughter of Thiru... M. Davaraj...  
of... O. Kowilpatti village/town... Virudhunagar taluk  
..... KAMARAJAR ..... district of the State of Tamil Nadu  
belongs to..... Hindus... VADUGAR community, which  
is recognised as a Most Backward Class/Denotified Community/  
Backward Class/Scheduled Caste/Scheduled Tribe as per  
G.O. Ms. No.... 2178/4/1 B.C.C. Dated... 30.5.89.../The  
S.C. and S.T. Orders (Amendment) Act, 1976, vide Sl. No... 030.

2. It is certified that.... D. Perumalsamy..... and  
his/her family ordinarily reside(s) at... O. Kowilpatti.....  
village/town... Virudhunagar taluk... KAMARAJAR .....  
district of the State of Tamil Nadu.

Signature :

Date :

Seal :

Name in capital letters :

D. Perumalsamy  
Deputy Tahsildar

Designation :

Virudhunagar  
25/6/92



\* This Certificate Number is to be filled in the Application Forms.

# Research Proposal

**Title:** Design Robust Authentication and Real time Threat Detection for Wearable Biomedical Device of Cybersecurity

## ***Abstract:***

Wearable biomedical devices have become a revolutionary technology in today's healthcare, providing continuous health surveillance, early disease diagnosis and real time feedback to patients. These devices are built to collect and transmit private health information (PHI) including heart rates, blood oxygen, glucose results and ECGs. Although such advancements are beneficial in terms of patient care and workflow, they introduce substantial cybersecurity threats. Attacks against wearable health devices could result as unauthorized access, data alteration or falsification of health readings, threatening patient safety as well as privacy.

In this work we cope with both the security challenges for the robust authentication and real time threat deduction in wearable biomedical systems toward continuous secure health monitoring.

***Index Terms*** – Robust Authentication, Health Data Privacy, Real-Time Threat Deduction, Edge Computing, Continuous Health Monitoring, Biometric Security