

**PRABAKARAN A**

Master of Science

05/05/1993 | 8807574260 | [prabakaran1993@hotmail.com](mailto:prabakaran1993@hotmail.com) 543/3, Deepam Nagar, Tiruvannamalai, Tamil Nadu - 606604



EDUCATION



SCHOLASTIC ACHIEVEMENTS

2011 - 2016

**Software Engineering** (CGPA: 8.25 ) Master of Science

Vellore Institute of Technology, Chennai

2010 - 2011

**Computer Science** (CGPA: 75.5 ) 12th Class

Mount Saint Joseph Matric Hr Sec School

2008 - 2009

(CGPA: 78.8 )

10th Class

Mount Saint Joseph Matric Hr Sec School



EXPERIENCE

Sep 2014 - Currently Working

**Microsoft Student Partner**, Microsoft (Social Work)

Run workshops and hackathons Host tech events and give demos on campus Work alongside Microsoft professionals, assisting them during hackathons

Nov 2014

**Big Data Analytic**, 3X3 Conect

Microsoft Innovation Center, Vellore Institute of Technology, Chennai Campus had conducted Training and Certification program for Big Data Analytic

Nov 2014

**Azure Cloud**, 3x3conect

Microsoft Innovation Center, Vellore Institute of Technology, Chennai Campus had conducted Training and Certification program for Microsoft Azure

May 2014

**ASP.NET**, Vellore Institute of Technology - Chennai

School of Computer Science and Engineering, VIT Chennai had conducted an ASP.NET Training and Certification Program by Microsoft Innovation Center.



ACTIVITIES

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C#

ASP

Networks

Java



PROJECTS

**Big Data Analytic in Web-Service** (Sep 2014 - Currently Working)

Developer

Site: praba.azurewebsites.net/Home.aspx, running Data Analytic in Web-service by ASP.NET. Food Recipe Dataset - Unstructured Data - JSON Format - 1.5 Lakhs Food Recipes

# 

Big-Data-Analytics

azure

NoSql

MongoDB

ASP

**Expert Tamil Dictionary** (Oct 2012 - Dec 2013)

Developer

It's Windows App.No Internet Connection Is Required. Expert English To Tamil Dictionary with high powered search engine, Added Sixty thousand words and meanings for users.

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Sqlite

JSON



C#

**Internet Based Garage Door Control System** (Jan 2015 - May 2015)

Developer

Using the classic Arduino Uno development board with an Internet connection to provide a means to open an electrically powered garage door using a web browser, smartphone, or tablet.

# 

C++

Arduino

**2048 Game Solver** (Jan 2015 - May 2015)

Developer

Solving 2048 Tile Game using Artificial Intelligence. Algorithm used MinMax and Alpha Beta Pruning Algorithm

Java

Artificial-Intelligence

MINMAX

ALPHA-BETA-PRUNING

**Media Player for Windows Metro/RT** (Mar 2013 - Sep 2013)

Developer

Microsoft Windows App Fest (Apr 2013 - Apr 2013)

**1st Position**, Vellore Institute of Technology,

Chennai

It's Eight Hour Microsoft Windows App Fest, Conducted by Microsoft Innovation Center. I Won the first prize RS.1500 for Expert Tamil Dictionary - Windows 8 Phone App.

24 Hour Big Data Appathon (Sep 2014 - Sep 2014)

**Runner**, Vellore Institute of Technology,

Chennai

Recipe Dataset - Unstructured Data - Json Format - 1.5 Lakhs Recipes, processed by Hadoop 2.5 using Java Map Reduce Program

24 Hour Cloud Appathon (Oct 2014 - Oct 2014)

**Runner**, Vellore Institute of Technology,

Chennai

"Selfie App" - Windows Store App, Using Asp.NET Web Service and Azure Cloud.

Microsoft App Fest (Sep 2014 - Sep 2014) **Runner**, Vellore Institute of Technology, Chennai

It's Eight Hour App fest, Conducted by Microsoft Innovation Center. I Developed Metro Player Using Microsoft Player Framework which Support Direct Media Playback.

Developed Windows Metro Application by following all UI Design Rules and Regulation. Learning Current Trends in UI Design Industries for Implementing

# 

Microsoft-Player-Framework



C#

JSON

XAML

UI/UX

**Facial Recognition** (Feb 2014 - May 2014)

Developer

Developing Facial recognition software using OpenCV Library by four stages Process: Image acquisition, Image processing, Distinctive characteristic location, Template creation, Template matching.

# 



C#

OpenCv

**Network Scanner** (Jul 2013 - Nov 2013)

Developer

Network Scanner is to find and analyze the IP address and port number of all computers which had configured and connected by WiFi.

Microsoft Build The Shield (Feb 2015 - Feb 2015) **Runner**, Microsoft Student Partner's Competition

It's 24 Hour, Online Microsoft Security Hackathon.



AWARDS AND HONOURS

Editor's Pick Award - Best Windows 8 Apps Aug 2014

**bestwindows8apps.net**

bestwindows8apps.net/app/expert\_tamil\_dictio I was award for Best Windows 8 Educational Apps



SKILLS

# 

C++



C#

Networks

**Proxy Server** (Aug 2014 - Oct 2014)



C# Java Big Data Analytics Windows

Application

C++

Networks

PHP

Database management

C

Developer



LANGUAGES SPOKEN

A Proxy Server is software running on a computer located somewhere between a remote user and the Internet resources the user wishes to access.

English

Tamil

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PHP

Curl

**Examination Management** (Feb 2013 - May 2013)



HOBBIES

Developer

Cricket

Music

Hollywood

Developed Cloud Based Application, to Conduct Online Examination, to Maintain The Records Of Examiners in Cloud Database.

# 

Java

JFrame



Sql

**Quick XML Reader** (Jan 2014 - May 2014)

Developer

In Big Data Analytic, I will work with huge XML files and we want to be able to view the content of those files reasonably quickly, I decide to develop an INTERPRETER to open XML file quick.

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INTERPRETER

XML

XAML



C#