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## NANTHAKUMAR. M

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### KEY SUMMARY

Work Experience : 10+ years  
Roles : Fullstack Web Developer / Android Developer  
Current Employer : Winimy.ai, Coimbatore  
**Currently Working on : Node js, Python, Android, AI**

- 9+ Years of experience in Android application development
- Over 14 years of experience in Web, Mobile, Embedded application development
- Currently working on AI solutions, Google Home, Amazon Alexa apps
- Expertise in taking the responsibility of making a product from requirement analysis to delivery and deployment
- Responsibility of software productivity, scalability and performance analysis
- Expertise in developing, deploying, testing and debugging Android, iOS, Web applications
- Software training experience in various technologies like windows, web and mobile technologies
- Expertise in embedded programming with Microcontrollers like PIC, ARM 7, ARM 9, Texas Instruments, etc.
- Working knowledge in various platforms, environment and technology
- Adaptive to new technologies and facing challenges.

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### RATING

Lang/Tech	Experience in Years	Rate ( n / 10 )
Java / Android	9+	9
Node js, Python, MongoDB	5+	9
PHP / MySQL	7+	9
Microsoft .Net / C#	3+	5
JSP / Servlets / J2ME	1+	4

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### SKILLS

## Languages & Technologies:

Node js, Express, Python, Flask, Django, C, C++, Java, J2EE( JSP, Servlets, JavaBeans, EJB, RMI, JDBC ), Microsoft.Net ( C#.Net, VB.Net, ADO.Net, ASP.Net, XML Web Services)

## Mobile Application Development:

Android, iOS, WinCE, Cordova, Phonegap, REST, JSON, XML, TCP, Socket Communication, XMPP (Openfire, Ejabberd), FCM, J2ME (CLDC 1.1, MIDP 2.0)

## Database Systems and Servers:

MongoDB, MS Access, MSSQL Server, MySQL Server, RMS, SQLite

## Web Languages & Scripting:

HTML, Cascading Style Sheets, Java Script, jQuery, VB Script, ASP, PHP

## Web & Application Servers:

Apache, Nginx, Internet Information Services(IIS), Java Web Server, Apache Tomcat, BEA Web Logic

## Testing Tools:

Selenium Server, Selenium Web Driver Client

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## EXPERIENCES

*I have worked and have experience on all the above when I was doing various projects at various organizations mentioned below.*

### **Full Stack / Android Developer**

*Mar 2017 to tilldate*

Winimy.ai, Coimbatore.

<http://winimy.ai>

### **Project Head**

*July 2014 to Mar 2017*

Vaiha, Singanallur, Coimbatore.

<http://www.vaiha.in>

### **Team Leader**

*Jan 2013 to Jul 2014*

MyPowerplant, Peelamedu, Coimbatore.

<http://mypowerplant.co.in>

### **Sr. Developer**

*Aug 2011 to Dec 2013*

Arrin Solutions, Ganapathy, Coimbatore.

<http://arrinsolutions.com>

### **Sr. Manager, Software division**

*Apr 2010 to Aug 2011*

JRM Technologies, Gandhipuram, Coimbatore.

<http://jrmtech.in>

### **Software Developer**

*Oct 2008 to Apr 2010*

Fureon, Hyderabad.

<http://fureon.com>

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## PROJECTS

### ***My Own Projects (2004 – 2006):***

#### **CoatsPro**

*Metacoats, Saravanampatty, Coimbatore*

*Microsoft.Net ( VB.Net, ADO.Net,Crystal Reports), MS SQL Server 7.0*

Account Management Software system with the features , Employee management, customer management, supplier details, purchase, Delivery Note, Sales & Services, Expenses, Receipt / Payments, Profit & Loss statement, Monthly and Annual Reports

#### **CardsPro**

*KNTrade, Gandhipuram, Coimbatore*

*Microsoft.Net ( VB.Net, ADO.Net,Crystal Reports), MS SQL Server 7.0*

Business Management Software system with the features, customer management, supplier details, purchase, Sales,Bill wise details statement, Monthly and Annual Reports

#### **Location Finder**

*Valtechnovations, Coimbatore*

*Microsoft.Net ( C#.Net, ADO.Net), MS SQL Server, GSM modem*

A windows application that searches and replies to customers who are requesting to search a location. For example If a customer sends SMS "ATM Ganapathy" to a number, It will reply to the customer with address of the ATM centers near the location Ganapathy.

### ***In Fureon (2008 – 2010):***

#### **Online Travels Ticket Reservation system**

*Microsoft.Net ( C#.Net, ADO.Net), GSM, SMS Gateway, MySQL*

A Windows application developed in .net to provide services for ticket reservation from registered customers by receiving SMS through SMS gateway

#### **Mobile Recharge Application**

*J2ME, RMS ( Record Management System )*

A Mobile application developed in J2ME to provide services for recharging mobile phones to customers by receiving SMS through SMS gateway

## ***In JRM Technologies (2010 – 2011):***

### **WeighBridge-Weight printing application**

*Truck Weigh Systems India Pvt. Ltd, Coimbatore  
Microsoft.Net ( C#.Net, ADO.Net, Crystal Reports), MS SQL Server 7.0*

A printing application that reads weight details from weighbridge indicator through RS232 Serial Port communication and prints the detail according to the customer need.

### **RFID Employee Attendance System**

*Microsoft.Net ( C#.Net, ADO.Net, Crystal Reports), MS SQL Server 2005*

An attendance management system with RFID cards and RFID reader (RFC 200) that reads UID from RFID card for registering attendance, printing attendance report daily, monthly, date wise, employee wise report.

**Website** – <http://jrmtech.in>

Products, Contact information, feedback form, administrator login, dynamic product upload, User interface to add news to the website by the administrator

### ***As a Team Lead:***

Done PHP Web applications and Embedded applications using ARM Microcontrollers with 3 members in JRM Technologies.

## ***In Arrin Solutions (2011 – 2013):***

### **PHP/MySQL websites and Mobile web sites:**

Working on websites which has functionalities like Job search, restaurant search, listing live cinema news, movies, music, current weather, weather news, social network apis like facebook, twitter, myspace, linkedIn, wordpress sites, Yii framework, ...

Some websites are: eetzy.com, whella.com, jumpah.com

### **ASP.Net Website and mobile website:**

ASP.Net website hugecashpayday.com

### **Android/iOS Mobile applications:**

Doing Android/iOS mobile applications using editors Eclipse, Xcode with the following functionalities:

- Image processing (CameraPro)
- Sip api (voicechanger)
- Using phonegap, titanium (casinogold)
- Video apps (pocketporn)
- Background services and utility apps (batterysaver, superbooster)
- Google Maps api, REST/JSON, cardio (tablecard, restodistro)

### ***As a Team Lead:***

Done mobile application TableCard in both Android/iOS

With 4 members for development ( PHP backend api – 1, Android – 1, iOS – 2 ).

### ***In Mypowerplant (2010 – 2011):***

#### ***Energyecho***

I have been working as a TeamLeader in mypowerplant (Contract basis). Having the responsibility to build the product 'energyecho' which is the application helps the users of a powerplant to manage their operations and maintenance. Also provides runtime data which is got from the powerplant energymeters as gauges, charts, etc.

Roles and responsibilities:

- Working as a team lead to monitor the overall activity of the product.
- Working as an embedded programmer to receive data from powerplant's energy meter and to send it to db server
- To convert the concept into development
- Making required normalized database, table schema
- To provide proper guidance, procedure, use cases to members for implementing the product.
- Demonstrate functional & technical methods to develop.
- Support team members to solve critical problems so that target can be achieved quickly.

### ***In Vaiha (2014 – Mar 2017):***

I have been working as Project Head in vaiha technologies and having the following roles and responsibilities

- Doing Requirement study on projects and preparing Time schedule chart
- Assigning tasks to all developers
- Monitoring the progress of project by conducting periodic reviews
- Contribute to solve critical problems when developers faced in project development
- Solving technical issues encountered in
  - Web/database Server management
  - Database structure and security
  - Web application scripts, API's usage in PHP/Javascript
  - Mobile application development in both Android and iOS
  - Backend scripts that provides json data to mobile apps

Here are some apps:

Android apps:

*Tagya, Foodmnm, BestDeals*

<https://play.google.com/store/apps/details?id=chat.see.android>

iOS apps:

*Bujbu, Tagya, Foodmnm, iFundus(Odocs eye app)*

<http://www.odocs-tech.com/portfolio/odocs-eye-app/>

<https://itunes.apple.com/us/app/bujbu/id585998879?mt=8>

Crossplatform apps:

*Orderfood, EzyDose*

<http://ezydose.com/>

## ***In Winimy.ai (2017 – till date):***

I am currently working as Tech Lead in Winimy.ai and having the following roles and responsibilities

- Project Requirement study and task scheduling
- Assigning tasks to developers
- Monitoring the progress of project
- Contribute to solve critical problems when developers faced in project development
- Solving technical issues encountered in
  - Ai applications in DialogFlow
  - Ai applications in Amazon Alexa
  - Embedded applications
  - Web apps and API in PHP/Javascript, Node js
  - Mobile application development in Android
  - Backend REST/JSON APIs for mobile apps

Here are some apps:

Android apps:

*See Chat, Kobi Chat, SGBiz Chat, EduGuy, Gtriip*

<https://play.google.com/store/apps/details?id=chat.see.android>

<https://play.google.com/store/apps/details?id=chat.biz.sg>

<https://play.google.com/store/apps/details?id=ai.winimy.eduguy>

<https://play.google.com/store/apps/details?id=com.gtriip.android>

Android SDK:

*SeeChat SDK for chat ( uses Socket.io )*

*Osim Voice Control SDK ( Microsoft Luis, Speech sdk )*

AI:

*DialogFlow agents for chat bots for*

<https://admissions.smu.edu.sg/>

*booking bots for both business and customers and*

*enquiry bots for both business and customers for <https://voila.asia/>*

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## **EDUCATION**

Sri Subramanya College of Engineering and Technology - BE (CSE)

*Palani, Dindigul(Dt)*

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