

# PROFILE

**AKILA S**

**Co-Founder and Director,**

- **ROOT- IT Learning Centre and Research Consultancy**
- **App-Angadi - A Mobile Design and Development Studio**
- **ExamSign - A Data Analytics Startup working on MCQ Analysis**

No.8, Second Floor & Third Floor, BKG Building, Madurai Road,  
Trichy-620008

**Linguistic Proficiency : English, Tamil**

## **EDUCATION**

<b>Ph.D</b>	<b>National Institute of Technology, Trichy</b>	<b>9.5 (Submitted)</b>
<b>MCA (CGPA)</b>	<b>National Institute of Technology, Trichy</b>	<b>8.68 (Out of 10)</b>
B.Sc (IT)	PSG College of Technology, Coimbatore	8.47 (Out of 10)
Class XII (HSC)	Infant Jesus Matric Hr. Sec. School, Tirupur, Tamil Nadu	88.4%
Class X (SSLC)	Infant Jesus Matric Hr. Sec. School, Tirupur, Tamil Nadu	85.7%

## **SOFTWARE SKILLSET**

- **Programming Languages** : C, C++, Java 7, Hadoop, MapReduce, CYPHER, Neo4J, Python, Spark
- **Markup Languages** : HTML 5.0, XML, XHTML, CSS 3.0,
- **Scripting Languages** : JavaScript, PHP 5.0
- **RDBMS** : MS-SQL Server 2008 & 2012, Oracle 10g, MySQL 5.0
- **IDE and Text Editors** : Visual Studio 2013, Eclipse, NetBeans, Sublime Text 3
- **.NET Technology** : .Net Framework (3.5, 5.0), C#.Net, ASP.Net, ADO.Net, Xamarin Forms
- **Machine Learning** : ENCOG 3.0, WEKA, IPython Notebook
- **NoSQL Databases** : Neo4j
- **Network Simulators** : NS 2

## AREAS OF INTEREST

- Data Structures
- Massively Parallel Programming and Machine Learning
- Data Analytics and Interactive Data Visualization

## EXTRA CURRICULAR ACTIVITIES

- **Programmer** - Association for Computing Machinery, Student Chapter, NITT.
- **Member** -Event Execution Committee, Version'08 National Level Tech symposium, NITT.

## EXPERIENCE

- **10 years' experience in Teaching and Programming**
- **Eight years' experience as a Research Consultant**
- **Six years' experience as a Corporate Trainer**
- **Conducted a Two Days Workshop on Data Science Research @ NIT Trichy**
- **Conducted a Five Days Workshop on Big Data Analytics @ NIT, Trichy**
- **Conducted a Three Days Workshop on Data Science Research Sponsored by DST @ NIT Trichy**

## RESEARCH EXPERIENCE AND PUBLICATIONS

My Research Publications: [https://www.researchgate.net/profile/Akila\\_Somasundaram](https://www.researchgate.net/profile/Akila_Somasundaram)

### Industrial Research:

We have successfully completed more than **15 consultancy projects** in the field of **Data Science and Big Data Analytics**. We have also worked on Proof of Concept projects in the areas of **Data Driven User Experience Design, Customer Relationship Management and Student Performance Analysis**.

### Academic Research:

Through **Root Research Consultancy**, we have successfully provided guidance to more than **70 Ph.D Candidates** in the **past 6 years**, accounting for more than **300 publications in International Journals and Conferences**.

We have also provided guidance to more than **150 M.Phil and M.Tech Scholars** during the **past 6 years**, accounting for more than **100 publications in National Conferences**.