

PROFILE

Dr. AKILA ANANDKUMAR

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

Ph.D	National Institute of Technology, Trichy	9.5 (Out of 10)
MCA (CGPA)	National Institute of Technology, Trichy	8.68 (Out of 10)
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, VS Code, 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

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 **100 Ph.D Candidates** in the **past 7 years**, accounting for more than **400 publications** in reputed **International Journals and Conferences**. We have the credit of writing more than **72 Ph.D thesis documents** in the **past 7 years**. We also act as **reviewers** for several international journals, including those from **IGI Global, Inderscience, Elsevier and Springer**.

We have also provided guidance to more than **100 M.Phil and M.Tech Scholars** during the **past 7 years**, accounting for more than **150 publications** in **National Conferences**.