

Arockia S

Assistant Professor - Nagaphooshanam Fastners

Tirunelveli, Tamil Nadu - Email me on Indeed: [indeed.com/r/Arockia-S/a637b4d381c9239a](https://www.indeed.com/r/Arockia-S/a637b4d381c9239a)

I am a highly motivated person who's ready to use my educational background and skills to impart knowledge to learners by using modern and traditional approaches to develop the learner's skills.

WORK EXPERIENCE

Assistant Professor

Nagaphooshanam Fastners - Tiruchchirappalli, Tamil Nadu - July 2010 to Present

Pavendar Bharathidasan College of Engineering and Technology, Trichy since July 2010 onwards

Computer Skills

- C, C++
- Matlab

- Java
- C# and .Net

Area of Interest

- Data Structure
- Operating System
- Distributed Systems
- Component Based Technology

PG - Academic Project

SECURE DISTRIBUTED CLIENT CACHE INVALIDATION ON TRUST BASED WIRELESS MOBILE NETWORKS

A mobile ad hoc network (MANET) is a self-configuring infrastructureless network of mobile devices connected by wireless. Each device in a MANET is free to move independently in any direction, and will therefore change its links to other devices frequently. Each must forward traffic unrelated to its own use, and therefore be a router. These mobile devices are characterized by limited resources, high mobility, transient availability, and lack of direct access to the data source. Data caching is essential in MANET because it increases the ability of mobile devices to access desired data, and improves overall system performance.

Maintaining the data consistency between cache client and source is the main issue in MANET because of frequent updates in the data of source. In general three types of cache consistency mechanisms are used. They are push based (server-based), pull based (client-based) and hybrid (both) mechanisms. In Proposed System pull based algorithm to provide strong consistency for the data.

Administrative Officer

Nagaphooshanam Fastners - Tiruchchirappalli, Tamil Nadu - July 2008 to Present

2008 to

EDUCATION

Master of Engineering in Computer Science and Engineering

Pavendar Bharathidasan College of Engineering and Technology, Anna University - Chennai, Tamil Nadu
2014

Bachelor of Engineering in Computer Science and Engineering

SCAD College of Engineering and Technology, Anna University - Chennai, Tamil Nadu
2008

Higher Secondary School at ST Joseph Higher Secondary School
2004

SSLC

ST Joseph Higher Secondary School
2002