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CHENNAIYAN MURUGESAN

ACADEMIC DETAILS

BACHELOR OF ENGINEERING (CSE)

Year : 2018-2021
Institution : Government College of Engineering, Bargur.
Percentage : 74.1%

DIPLOMA

Year : 2016-2018
Institution : Government Polytechnic College - Uthangarai.
Percentage : 84.4%

HIGHER SECONDARY

Year : 2014-2016
Institution : Government Boys Higher Secondary School –
Uthangarai.
Percentage : 58.3%

SECONDARY SCHOOL

Year : 2014
Institution : Government Boys Higher Secondary School –
Uthangarai.

EXTRA-CURRICULAR ACTIVITIES

- Attended “**TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY**” in IRT Polytechnic College, Bargur.
- Attended a workshop “**ANDROID APP DEVELOPMENT**” conducted by kyrion Technologies Pvt Ltd at VIT-Chennai.
- Attended a Course of “**WEB DEVELOPMENT**” by udemy.

MINI PROJECT

TITLE: Secure and Efficient Data Transmission in Cluster Based Wireless Sensor Networks.

ABSTRACT: Secure data transmission is a critical issue for wireless sensor networks (WSNs). Clustering is an effective and practical way to enhance the system performance of WSNs. In this paper, we study a secure data transmission for cluster-based WSNs (CWSNs), where the clusters are formed dynamically and periodically. We propose two secure and efficient data transmission (SET) protocols for CWSNs, called SET-IBS and SET-IBOOS, by using the identity-based digital signature (IBS) scheme and the identity-based online/offline digital signature (IBOOS) scheme, respectively. In SET-IBS, security relies on the hardness of the Diffie-Hellman problem in the pairing domain. We show the feasibility of the SET-IBS and SET-IBOOS protocols with respect to the security requirements and security analysis against various attacks. The calculations and simulations are provided to illustrate the efficiency of the proposed protocols. The results show that the proposed protocols have better performance than the existing secure protocols for CWSNs, in terms of security overhead and energy consumption.

CAREER GOAL

To associate with a vibrant organization, to fully utilize my knowledge, skills and contribute to the overall growth of the organization.

TECHNICAL SKILLS

- C,C++
- Java
- Html
- Css
- Php
- Mysql

SOFTWARE SKILLS

- Photoshop
- Turbo C++
- Netbeans
- Ms word, Excel

FIELD OF INTEREST

- Web designing
- Photography
- Video editing
- Traveling

PERSONAL DETAILS

Date of Birth : 20-07-1999
Father Name : Murugesan C
Mother Name : Shantha M
Gender : Male
Languages known : Tamil, English, Telugu
Hobbies : Music, Movies
Strengths : Self Confidence

DECLARATION

I hereby declare that the above details are true and correct to the best of my knowledge and I assure that I will be poised and firm under any environmental characteristics.

Yours truly,

[CHENNAIYAN M]