**Aswathy**

**Email**: [aswathy.359353@2freemail.com](mailto:aswathy.359353@2freemail.com)

**Career Summary**

* Intending to build a career that gives me scope to update my knowledge and skills in accordance with the latest technologies and be a part of team that dynamically works towards the growth of the organization.

**Personal Qualities**

* Unmatchable communication skills in verbal and written both.
* Detail oriented and strong interpersonal skills.
* Good Conceptual, Analytical and Logical skills.
* Ability to work individually as well as in group environment.

**Key Skills**

**Language:** C, C++, Core Java, oops concepts and ASP.NET.

**Academia**

* B tech in computer science & engineering with an aggregate of 73%.
* Plus two with 72%.
* SSLC with 86%.

**Academic Project**

**Project title**: **A HIERARCHICAL ATTRIBUTE SET BASED ENCRYPTION FOR FLEXIBLE AND SCALABLE ACCESS CONTROL IN CLOUD COMPUTING**.

**Abstract:** In order to realize scalable, flexible and fine grained access control of outsourced data in cloud computing we propose hierarchical attribute set based encryption (HASBE) by extending cipher text-policy attribute set based encryption with a hierarchical structure of users. We formally prove the security of HASBE based on security of the cipher text policy attribute-based encryption (CP-ABE) scheme and analyse its performance and computational complexity.

**Application**:

* The proposed scheme not only achieves scalability due to its **Application** hierarchical structure, but also inherits flexibility and fine grained access control in supporting compound attributes of ASBE.
* In addition, HASBE employs multiple value assignments for access expiration time to deal with user revocation more efficiently than existing schemes.
* It is both efficient and flexible in dealing with access control for outsourced data in cloud computing with comprehensive experiments.

**Technologies**: Java, MYSQL.

**Strengths:**

* Excellent communication skills.
* Ability to grasp the new skills quickly.
* Hard working.

**Personal Details**

**Date of Birth:** 27/09/1988.  
**Language:** English, Hindi, Malayalam.