**Dr. KRISHNA KEERTHI CHENNAM, B.Tech, MTech, Ph.D(CSE)**

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Hyderabad.

## About Me:

A Result-oriented leader and a team player experienced in cloud computing data security in **research and engineering education** of more than 14+ Years of experience. **AWS Solution Architect Associate(SAA)** certified in Nov 2020.   Data confidentiality, processing time to achieve dual optimization , applying partial shuffling in cloud database to reduce the inference attacks and minimizes the unnecessary computational overhead with multi stage in domains are the main objectives of my thesis work titled " A trusted security and authentication model for a cloud computing environment".

## Job profile:

- Conduct Independent research and developed application projects.
- Monitor, evaluate and record project/product development progress through a range of assessment strategies against pre-determined objectives.
- Work within the established behavior policy to anticipate and constructively manage behavior and promote self control and responsibility.
- Conduct assigned undergraduate and post graduate courses and projects.

## Academic Qualifications:

- **PhD:** GITAM (Deemed to be University), Hyderabad in Computer Science Engineering with Cloud Computing as major in Dec 2019.
- **M.Tech:** Embedded System from Nishita College of Engineering and Technology, JNTUH, 2011 with Distinction.
- **B.Tech:** Computer Science & Engineering from Adam's Engineering College, JNTUH, 2005 with Distinction
- **Intermediate**: MPC from Vijay Krishna Jr.College, Vijayawada, 2001 with Distinction.

## Certifications:

- ➢ **AWS Certified Solutions Architect Associate** certification completed in Nov 2020.
- ➢ **Microsoft Technology Associate** certificate on Cloud Fundamentals and have knowledge in AWS Data, Security, Organization.

- ➢ **PMP** Training Course with 32 credits.
- ➢ **MSME certified training** on Cloud Computing.
- ➢ **Coursera –** Online certified training on AWS fundamentals: Addressing Securing Risk, AWS cloud fundamentals: Going Cloud-Native, Agile with Atlassian Jira, Google Cloud Platform Fundamentals: Core Infrastructure, Essential Google Cloud Infrastructure: Foundation, Essential Google Cloud Infrastructure: Core Services, Elastic Google Cloud Infrastructure: Scaling and Automation, Reliable Google Cloud Infrastructure: Design and Process, Accounting Data Analytics with Python, Influence people.

## Experience:

- 6+ years of research experience in Cloud Computing Data security from 2013 to 2019.
- Working as an Asst. Prof in CSE department, MJCET, Hyderabad from Oct 2012 to till to date.
- Asst. Prof in CSE department, GITAM (Deemed to be University), Hyderabad from Dec 2011 to Oct 2012.
- Asst. Prof in CSE department, SPEC, Hyderabad from May 2011 to Dec 2011.
- Asst. Prof in CSE department, Vignan Institute of Management and Technology for Women, Hyderabad from June 2009 to Dec 2010.
- Asst. Prof in CSE department, Adam's Engineering College, Palvancha from Aug 2005 to May 2009.

## Research Publications:

- ➢ Chennam, K. and Muddana, L., 2018. An efficient two stage encryption for securing personal health records in cloud computing. International Journal of Services Operations and Informatics, Inder Science. 9(4), pp.277-296.
- ➢ Chennam, K.K., Muddana, A.L. and Munnavara, T., 2018. Security in CryptDB Using Fine-Grained Access Controls with ECDHE-ZeroVi's Framework. In Cyber Security (pp. 153-163). Springer, Singapore.
- ➢ Chennam, K.K. and Muddana, L., 2018. Fine Grained Access Control Policy with Advanced Encryption Standard in the Cloud Computing. International Journal of Engineering & Technology, 7(4.6), pp.1-3.
- ➢ Aluvalu, R., Chennam, K. and Ahamed, M.J.S.S., 2018. Risk aware Access Control model for Trust Based collaborative organizations in cloud. International Journal of Engineering & Technology, 7(4.6), pp.49-52.
- ➢ Chennam, K.K., Muddana, L., 2018, May. Improving Privacy and Security with Fine Grained Access Control Policy using Two Stage Encryption with Partial Shuffling in Cloud. In 2013 3rd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT). IEEE.
- ➢ Chennam, K.K., 2018, May. The Rapid Phrase Search Technique for Encrypted Document Present in the Cloud. In 2013 3rd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT). IEEE.

- Ahmed, M.T., Hussain, M.M. and Chennam, K.K., 2017, October. Designing a consensus ranking algorithm for same domain entities. In 2017 2nd International Conference on Communication and Electronics Systems (ICCES) (pp. 12-16). IEEE.
- Chennam, K.K., Muddana, L. and Aluvalu, R.K., 2017, May. Performance analysis of various encryption algorithms for usage in multistage encryption for securing data in cloud. In 2017 2nd IEEE International Conference on Recent Trends in Electronics, Information & Communication Technology (RTEICT) (pp. 2030-2033). IEEE.
- M.A Jabbar, Chennam, K.K, and Aluvalu, R.K., 2017, December. Cyber Physical Systems(CPS):Security Issues, Challenges and Solutions. In 2017 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC) ISSN: 2471-7851. IEEE.
- Chennam, K.K. and Lakshmi, M.A., 2016. Cloud Security in Crypt Database Server Using Fine Grained Access Control. International Journal of Electrical and Computer Engineering, 6(3), p.915.
- Chennam, K.K. and Mudanna, L., 2016, December. Privacy and access control for security of Credit Card records in the cloud using partial shuffling. In 2016 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC) (pp. 1-4). IEEE.
- Chennam, K.K. and Mudanna, L., 2016 CEASE: Confidentiality and Access Control for Securing Personal Health Records in the Cloud. In Anale. Seria Informatică. Vol. XIV fasc. 2 – 2016 . ISSN: 1583-7165 (printed journal)
- Chennam, K.K. and Mudanna, L., 2015 A survey on Top 10 Cloud Computing security Issues. In Proceedings of the 9thINDIACom; INDIACom-2015; ISSN 0973-7529; ISBN 978-93-80544-14-4.
- Sohaib Uddin, Mohammed Umar and Chennam, K.K., 2020. Dynamic Control structure in gameplay mechanism as a Solution to gaming addiction. In 2020 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC).
- Chennam, K.K., Aluvalu, R., and Maheswari, V.U., Data Encryption On Cloud Using Quantum Computing For Key Distribution. In 2nd International Conference on Machine Learning and Information Processing ICMLIP -2020 on 28-29 November(Springer Conference). Hyderabad.
- Chennam,K.K., Aluvalu,R. And Jabbar, M.A., Security and Authentication of Outsourcing Cloud Data. In 3rd Smart Cities Symposium(3SCS-2020) University of Bahrain, Bahrain.
- Aluvalu, R., Chennam, K.K., Maheswari, V.U. and Jabbar, M.A., A Novel and Secure Approach for Quantum Key Distribution in a Cloud Computing Environment. In Intelligent Computing and Networking (pp. 271-283). Springer, Singapore.

## Citation Indices:

• Total Citations: 25 | H-index: 3

 Source: Google scholar

**Languages:** Telugu (native), English (fluent), Hindi (fluent)

I hereby declare that all the information furnished above is true to the best of my knowledge and belief.


Place: Hyderabad.

Date:                                                                **[Dr.KRISHANA KEERTHI CHENNAM]**