



**Dr. T Gunasekhar**

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**EDUCATION**

<b>Jan 2014-July 2017</b>	<b>Doctor of Philosophy</b> , Department of Computer Science and Engineering, K L University, Vijayawada, India.
<b>Thesis title</b>	A Framework for Prevention and Detection of Insider attacks in cloud Infrastructure
<b>Dec 2011-June 2013</b>	<b>Master of Technology</b> , Department of Computer Science and Engineering, Sree Vidyanikethan Engineering College, JNT University, Anantapur, India.
<b>Course competence</b>	Achieved First Class with <b>Distinction</b> and <b>awarded grade ‘O’</b> Module Include: Operating Systems, Cloud Computing, Data Structures, Information Security, Theory of Computation.
<b>Sep 2007–April 2011</b>	<b>Bachelor of Technology in Information Technology</b> , Dept. of Information Technology, JNT University, Anantapur, India.
<b>Course competence</b>	Achieved First class final year <b>Dissertation work</b> . Modules include: C Programing, Software Engineering, Embedded Systems, Network Security, Computer Networks, Data Base Management Systems, Computer Organization, Micro Processors and Controllers, Unix Systems

**EXPERIENCE**

<b>July 2021-Till</b>	<b>Experian,India.</b>
<b>Position:</b>	<b>Software Engineer - DevSecOps-Security SME.</b> <b>Skills:</b> AWS Security, Cloud Security, Amazon Web Services (AWS), Amazon EC2, Security Monitoring, Vulnerability Management, Application Security, Vulnerability Scanning, Amazon CloudWatch, Incident Response, Cloud Infrastructure, AWS CloudFormation, Python (Programming Language), Risk Assessment, Veracode, Problem Solving, Identity & Access Management (IAM), Security Audits, Threat & Vulnerability Management, Vulnerability Assessment, Application security, Amazon CloudTrail.
<b>Jan 2017-June 2021</b>	<b>Certiview IT &amp; Management Solutions Pvt.Ltd.,</b>
<b>Position:</b>	<b>Cloud Engineer- Security</b> <b>Skills:</b> AWS Security, Cloud Security, Amazon Web Services (AWS), Amazon EC2, Security Monitoring, Vulnerability Management, Application Security, Security Controls, Information Security Management, Data Privacy, Vulnerability Scanning, Amazon CloudWatch, Incident Response, Cloud Infrastructure, AWS CloudFormation, Python (Programming Language), Risk Assessment, Problem Solving, Information Security Governance, Identity & Access Management (IAM), Security Audits, Terraform, Threat & Vulnerability Management, Vulnerability Assessment, Security Operations.
<b>Oct 2015-Dec 2016</b>	<b>K L University, Guntur, India.</b>
<b>Position:</b>	<b>Junior Research Fellow</b> <b>Project:</b> Design and Development of an Effective Privacy Preserving Data Mining Technique for Cardiac,Cancer and Diabetic Healthcare
<b>Jan 2014-Dec 2016</b>	<b>K L University, Guntur, India.</b>
<b>Position:</b>	<b>Research Scholar</b> <b>Project:</b> A Framework for Prevention and Detection of Insider attacks in Cloud Infrastructure

## **EXPERTISE**

- Responsible for architecting, designing, implementing, and supporting of cloud-based infrastructure and its solutions
- Managing Amazon Web Services (AWS) infrastructure.
- Insider threat prevention and detection in cloud environment using Trusted computing.
- CIS AWS benchmarking, vulnerability analysis and remediation.
- Implementing crypto methods for data at rest, data in use and data in transit.
- Application security in CI/CD jobs through Veracode.

## **CERTIFICATIONS**

1. **ServiceNow- Certified System Administrator**
2. Architecting on AWS- Coursera
3. Getting Started with AWS Machine Learning- Coursera
4. Cloud Computing Applications- Coursera
5. Cloud Computing Applications, Part 2: Big data and Applications- Coursera
6. Cloud Networking-Coursera

## **PERSONAL DETAILS**

- Father Name: Thummuru Mani
- Date & Place of Birth: 13<sup>th</sup> June 1990, Chittoor, Andhra Pradesh, India
- Gender: Male
- Citizenship: Indian