



**ARUN GOVINDASAMY**

**premium**

**Featured**



IT Security Officer with over 12 years of experience seeking roles in Cyber Security, Cloud Security, DevSecOps, Security Automation, Risk Assessment, Information Security

Current Designation: IT Officer - Engineering

Total Experience: 12 Year(s) 0 Month(s)

Current Company: The World Bank

Notice Period: 1 Month

Current Location: Washington DC

Highest Degree: B.Tech/B.E. [Information Technology]

Pref. Location: Bengaluru / Bangalore, Delhi / NCR, United Arab Emirates (UAE)

Functional Area: IT Software - Application Programming / Maintenance

Role: IT/Networking-Mgr

Industry: Banking/Financial Services/Broking

Marital Status: Married

Key Skills: Cyber Security, Cloud Security, DevSecOps, Python, Docker, Node JS, Kubernetes, PostgreSQL, DLP, Regex, SIEM, McAfee, Nginx, Microservices, Risk assessment, Linux, Web Services, OAuth2, Microsoft Graph API, Threat modeling, Secure coding, REST API

Verified : Email - id

Last Active: Jan-Mar 2021 Last Modified: Jan-Mar 2021

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## Summary

Well organized, creative, and seasoned IT professional. Over 12 years of experience in Information Technology including Cyber Security, Cloud Security, DevSecOps, Software development, Data Analytics, and Automation. Passion for designing complex systems with security-first approach and resolving business challenges through innovation and technical research. Proven record of implementing security best practices.

## Work Experience

### **The World Bank** as IT Officer - Engineering

Oct 2012 to Till Date

- \* Successfully implemented security solutions that resulted in improved overall Cyber security posture
- \* Automated container base image scan process which yielded significant improvement in Container security
- \* Automated phishing email analysis which significantly improved iSOC incident handling process
- \* Automated ICFR compliance review process
- \* Successfully developed and implemented solutions that resulted in improved overall infrastructure health and yielded significant cost-savings
- \* Successfully implemented infrastructure as code automation using Azure ARM templates and blueprints
- \* Designed and developed web applications, email listener / bot (automation), Chrome plugin (monitoring) and secure REST APIs
- \* Designed and developed Friendly URL / Tiny URL application used by the entire World Bank workforce
- \* Devised the Cloud Migration Strategy for the World Bank Group's complex Splunk infrastructure, used by 1,000+ users

IT Officer - Engineering, The World Bank, October 2012 - present

#### System Integration

- \* Manage integration projects in collaboration with key IT lines of business
- \* Serving as Systems Integration, Application development expert and key resource on technical guidance to LOBs
- \* Responsible for leading the modernization of existing applications
- \* Design migration plan to containerize applications from Virtual machine infrastructure
- \* Architect and Designed Tiny / Friendly URL application based on microservices architecture with enhanced security features and it supports REST API integration. Developed using Node JS, Nginx, PostgreSQL, Azure Cloud resources and deployed on Azure Kubernetes cluster
- \* Migrated WebDeploy application into Azure Cloud. It is a self-service portal designed to publish static web pages using ADO release pipeline
- \* Have good knowledge of common and emerging security risks (OWASP Top 10) and applied necessary fix
- \* Implemented SAST testing in CI / CD pipeline
- \* Implemented OAuth2 and Microsoft Graph API for enhanced application security
- \* Implemented Azure Kubernetes cluster and pod security policy
- \* Developed ARM templates for Azure Kubernetes, Key Vault, API Gateway, Container Registry, Application Gateway and App Insights



### Important

- Using Free CV Search you have access to featured candidate profiles of Naukri. You can browse through the profiles and email the candidates of your choice directly using the email option provided. To prevent misuse of candidate information, contact details and attached resume of the candidates have been withheld.

- \* Implemented access policies and network security groups based on least privilege
- \* Implemented Virtual Network, Subnets, logging standardization and private links
- \* Responsible for the setup, maintenance and ongoing development of CI/CD pipeline using Azure DevOps Server
- \* Designed and Implemented F5 load balancers to load balance syslog traffic
- \* Enhanced Boomerang open source plugin to display page load time on the browser icon
- \* Developed script to backup buckets to AWS S3 which resulted in significant cost saving
- \* Developed SIEM use case to monitor pods which uses nonstandard base image
- \* Track projects and tasks using Azure Boards

#### Office of Information Security

- \* Led the SIEM team to build use cases to improve threat detection process
- \* Responsible for team building, mentoring and coaching a team of very talented Engineers
- \* Have broad knowledge in the areas of Security Architecture, Certification & Accreditation, Incident Management, Threat hunting, Business Impact Analysis & Risk Assessment
- \* Expert in query tuning and performance optimization
- \* Analyze raw data and apply parsing techniques to enrich dataset
- \* Experience performing data cleansing, parsing, standardization, verification and data classification
- \* Develop and maintain new and existing data sources relevant to threat detection and false positive mitigation
- \* Designed and developed following use cases
  - o Privileged account monitoring
  - o VIP user monitoring
  - o Probing
  - o Data ex-filtration
  - o Ex-staff monitor
- \* Present new use cases and dashboards to the Senior management
- \* Designed web hooks to improve the iSOC use case functionality
- \* Automated ICFR compliance review process
- \* Automated phishing email monitoring process which reduced duplicates and

#### Wipro Infotech as Senior Engineer - Security Management Nov 2010 to Oct 2012

- \* Implemented McAfee antivirus and Data Loss Prevention (DLP) controls
- \* Upgraded of ArcSight ESM, Endpoint Security components (DLP, NAC & SA)
- \* Responsible for ArcSight infrastructure maintenance
- \* Implementation of Regex File/Folder, Time based database, Syslog Flex connector for custom applications
- \* Performed Risk assessment and Business Impact Analysis

#### Mphasis as Specialization Associate Infrastructure Engineer Jun 2008 to Nov 2010

- \* Responsible for L1 activities of Antivirus and SIEM tools
- \* Performed trend analysis on security incidents to identify anomalies
- \* Clients audit compliance reports

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## Education

UG: **B.Tech/B.E (Information Technology)** from **KSR college of engineering** in **2008**

Other Qualifications/Certifications/Programs:  
CISSP

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## IT Skills

Skill Name	Version	Last Used	Experience
Azure, Cloud, DevOps, Python			
Information Security, Docker, Node JS			
Kubernetes, Azure Arm Templates			
Azure Key Vault, Powershell, Bash			
Azure Blueprints, PostgreSQL, DLP			
Azure API Management, App Insights			
Application Gateway, Regex, Splunk			
ArcSight, McAfee, Nginx, Git, Redis			
Azure Container Registry, System Design			
Architecture, AWS, Microservices			
Linux, Web Services, Web hooks			
Oauth2, Microsoft Graph API			

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## Affirmative Action

Physically Challenged: No

## Work Authorization

Job Type: Permanent

Employment Status: Full time

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