

Aswinkumar Prakashkumar

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Summary

Site Reliability Engineer with 8+ years of experience in managing large-scale distributed mission critical systems - associated automations, tooling, processes etc., Possess skills in Systems, Networking, Database, Capacity & Performance Analytics, and Chaos Engineering. Avid reader, blogger and technology enthusiast.

Skills

Infrastructure Engineering	:	Linux (Redhat, Ubuntu, CentOS) and Windows Server Management, LXC, Pivotal Cloud Foundry, REDIS, Cassandra, AWS (EC2, Route53, VPC), Hyper-V, SharePoint, Microsoft System Center Suite, TCP / IP Protocol, IP Telephony (Cisco and Avaya), Nuance Voice Engine, VXML.
Monitoring and Logging	:	Grafana, Datadog, GENEOS, AppDynamics, Splunk, Kafka, and Logstash
Coding and Automation	:	Python, PowerShell, Chef, SALT, GIT, Jenkins, Sceptre (AWS)
Service Management	:	[Framework] ITIL v3, COBIT [Tools] HPSPD, Service Now

Experience

Assoc. Software Engineer (SRE) | JP Morgan Chase & Co

Dec 2019 – Present

Part of a geographically distributed SRE team within JPMC's Cyber-Security and Technology Controls group, supporting various data protection products such as encryption / decryption, security modules etc.,

Sr. Site Reliability Engineer | T-Mobile (Indigo Slate)

May 2019 – Nov 2019

Supported speech & voice recognition applications within Voice Experience Product Development group, including but not limited to T-Mobile's S-IVR, a system that handled 125 million customers.

Guest Reliability Engineer | Target (Tata Consultancy Services)

Aug 2012 – May 2019

Have been part of teams - handling various production portfolios, including but not limited to End User Services (Hyper-V VDI's, Citrix Desktop Delivery, SharePoint etc.), IP Telephony, Server Administration, etc.,

Responsibilities:

- Design, build, and maintain high availability and fault tolerant production infrastructure, and strategies for observability, logging, monitoring, chaos engineering, performance testing, etc.,
- Develop processes, tools, automation, and software changes to address operational issues, aimed at improving overall reliability.
- Leveraging modern engineering principles, such as Infrastructure as a Code, Containerization, Scripting etc., to improve developer / engineer's experience, and service deliverables.

Education

Bachelor of Engineering – Computer Science and Engineering

Aug 2008 – May 2012

College: Meenakshi Sundararajan Engineering College, Chennai, Tamil Nadu, India

Visa Information

Type: H-1B (First Arrival: March 27th, 2016) | Current Petition Validity: April 15th, 2022

GitHub

<https://github.com/akprakashkumar>

LinkedIn

<https://www.linkedin.com/in/aswinpkumar/>

Web Page

www.aswinkumar.in