



Satish Balakrishnan

Profile

- Customer Obsessed Architect and a technology leader with over 14 years of experience in various industries including start-ups.
- Author of the book "Terraforming the Cloud: The road to cloud automation."
- Received Microsoft Event speaker silver award.
- Technical advisor to two pre-seed stage start-ups.
- Published articles in renowned tech journals like CDOtrends, Blockchain Council, IEEE and Techopedia.
- Proven ability to establish and maintain excellent communication and relationships with clients.
- Good with people and love to lead people by helping them be their best authentic self.

Employment History

Sr. Cloud Solutions Architect at Microsoft, Singapore

January 2021

- I am empowering organizations in the APAC region to achieve more by using Microsoft Azure.
- I act as the lead CSA for Vietnam and Indonesia, managing, mentoring, and coaching people while leading and driving technical engagements for customer success.
- I have taken up a stretch assignment as the hybrid cloud lead for APAC, where I am a stakeholder in overall strategy and architectural discussions with the customers.
- I work with the country customer success leads to ensure that we are hitting the budgets quarter-on-quarter and create plans to unblock any technical challenges by working with the engineering teams and partners.
- I work as a trusted advisor to our customers to understand their pain points and aspirations to help them move from their current state to the desired state.
- Conducting architecture design sessions, well-architected framework discussions, and Cloud adoption framework sessions with the customer's stakeholders to explain intricate details and remove bottlenecks.
- Creating a proof of concept and demos to help customers understand the use case and manage their expectations.

Enterprise Architect at Hewlett Packard Enterprise, Singapore

November 2019 — December 2020

- Technical Advisor to clients consulting on hybrid cloud technologies to solve their problems.
- Managed a team of Solutions Architect and the P&L for Singapore region.
- Routinely perform proof of concepts on cloud, containers, and DevOps to showcase to internal stakeholders and clients.

Details

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Australian Permanent Resident

- Global Talent Visa subclass 858.

Links

<https://github.com/xsatishtx>
<https://medium.com/@xsatishtx>

Skills

Microsoft Azure

Amazon Web Services

DevOps

Kubernetes

Chef

Perl

Google Cloud Platform

Openstack

Ansible

Terraform

Certifications

<https://www.credly.com/users/satish-balakrishnan>



**CKA: Certified
Kubernetes
Administrator**

Issued by The Linux Foundation



**AWS Certified
DevOps Engineer –
Professional**

Issued by Amazon Web Services

- Structuring deals, performing economic analysis, and designing solutions for hybrid cloud and multi-cloud
- Leading a project to create a landing zone for a bank using terraform on AWS, GCP and implementing DevOps.

Technology Consulting Manager at Accenture, Singapore

December 2018 — October 2019

- Providing technology advisory and consulting services to financial institutions across ASEAN region in cloud and DevOps.
- Performed detailed assessment, created migration plans, and executed them successfully for cloud migration projects.
- Managing a team of three and collaborating with multiple teams to ensure successful adoption of cloud and onboarding of workloads.

Manager at HealthSeq Asia Pte Ltd., Singapore

October 2015 — December 2018

- Played an instrumental role in developing the start-up from the very beginning to successful acquisition.
- Worked with the clients to understand business requirements and translate it to technical requirements.
- Worked with clients and stakeholders to close multiple deals to generate revenue of over 4M
- Designed and implemented the public cloud architecture using Terraform
- Led and completed the Automation initiative for installation and configuration of infrastructure, saving 65% of time and efforts.

Team Lead at Accenture, Mumbai

July 2013 — September 2015

- Enabled continuous integration and deployment using Jenkins and Docker on multiple projects.
- Automated deployment and configurations using CHEF resulting in a time saving of over 95%.
- Orchestrated CloudFormation scripts to manage the Amazon Web Services and save time up to 80%.
- Deployed and automated the billing system for client using Chef involving Oracle database, Siebel, and Oracle Fusion Middleware in AWS.
- Worked with and managed on-site as well as off-site teams and interacted with account managers on the client and customer side.

Developer at Singapore-MIT Alliance, Singapore

January 2012 — April 2013

- Developed an algorithm in Perl and partly python to quickly identify cavities in 3D structures.
- Wrote a program that utilizes three-dimensional co-ordinates and figures out how objects can fit into each other using biological principles.
- Containerized the programs in Docker to enable shipping and instant deployment.

Domain Analyst at Persistent Systems Limited, Pune

October 2010 — September 2011



**AWS Certified
Developer –
Associate**

Issued by Amazon Web Services



**AWS Certified
Solutions Architect –
Associate**

Issued by Amazon Web Services



**Cyber Security
Foundation
Professional
Certificate - CSFPC™**

Issued by CertiProf



**HashiCorp Certified:
Terraform Associate**

Issued by HashiCorp



**Certified Blockchain
Expert**

Issued by Blockchain Council



**Microsoft Certified:
Azure Solutions
Architect Expert**

Issued by Microsoft



**Microsoft Certified:
Azure Administrator
Associate**

Issued by Microsoft



**Microsoft Certified:
Azure Data
Fundamentals**

Issued by Microsoft



**Microsoft Certified:
Azure AI
Fundamentals**

Issued by Microsoft

- Wrote Perl scripts to handle big data files and filter out specific values based on regular expressions.
- Performed automated testing on Java and dot net applications using Test Complete and Perl.
- Created a custom workflow using Perl that processes files and stores relevant data in Oracle DB.

Junior Research Fellow at ACTREC, Navi Mumbai

July 2008 — December 2010

- Completed Molecular Dynamic Simulation, Modelling and Docking of proteins and ligands.
- Created a program for Prediction of Natural substrates of proteases from its artificial substrates



**Microsoft Certified:
Azure Fundamentals**

Issued by Microsoft



**Event Speaker Silver
award**

Issued by Microsoft Technology
Solution Achievers

Education

Master of Technology, Dr. D.Y. Patil University, Navi Mumbai

March 2006 — July 2008

Bachelor of Science, University of Mumbai, Mumbai

July 2003 — June 2006

Publications

Terraforming the cloud: The road to cloud automation (Book)

[amazon.com/Terraforming-Cloud-Satish-Balakrishnan/dp/1636401554](https://www.amazon.com/Terraforming-Cloud-Satish-Balakrishnan/dp/1636401554)

The DevOps Career Handbook (Book Reviewer)

[amazon.com/Terraforming-Cloud-Satish-Balakrishnan/dp/1636401554](https://www.amazon.com/Terraforming-Cloud-Satish-Balakrishnan/dp/1636401554)

Satish Balakrishnan et. al (2014), BMC Structural Biology

September 2020 — September 2020

Satish Balakrishnan et. al (2012), PLoS ONE

September 2020 — September 2020

Satish Balakrishnan et. al (2009), PLoS ONE

September 2020 — September 2020

Taking the Blockchain Route To Decentralizing Smart Cities

<https://www.cdofrends.com/story/16003/taking-blockchain-route-decentralizing-smart-cities>

Trends, Patterns and Technologies in Cloud computing

IEEE Computer Society Vol 1, No 4

Role of Blockchain in managing Healthcare Data

<https://www.techopedia.com/blockchain-and-healthcare-data-tracking-and-sharing-healthcare-data/2/34621>

Blockchain: The evolution that Election process needs

<https://www.blockchain-council.org/blockchain/blockchain-the-evolution-that-election-process-needs/>

Governance and Tests in Kubernetes

<https://aws.plainenglish.io/governance-and-tests-in-kubernetes-9cb0bca90dd8>



