Satish Balakrishnan

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# PROFILE SUMMARY

* Leveraging deep expertise in cloud architecture and automation, driving forward-thinking solutions that revolutionize operations and enhance efficiency.
* Published **author** and **contributor** to esteemed tech journals including CDOtrends, Blockchain Council, IEEE, and Techopedia, shaping discourse on emerging technologies and trends.
* Trusted technical advisor to two pre-seed stage start-ups, guiding transformative strategies and optimizing technology stacks for sustainable growth.
* Demonstrated ability to cultivate and nurture enduring client partnerships, fostering collaborative environments that drive mutual success.
* **Hashicorp Ambassador**

# EXPERIENCE

## Director, **PwC Australia** *Jul 2023 – present*

* Leading the creation and implementation of PwC Australia's Microsoft Azure cloud strategy, to stimulate business expansion and foster innovation.
* Led and managed high-profile client engagements focusing on separation and demergers, ensuring successful outcomes by overseeing technical architecture, project finances and personnel.
* Collaborated with a dynamic startup to devise a technology strategy to achieve scalable and sustainable growth.
* Demonstrated strong leadership by overseeing a top-tier team of cloud and digital technology specialists. Cultivated a collaborative and inclusive workplace culture, fostering an environment of continuous learning.
* Drove innovation within PwC and the broader industry by actively participating in industry meetups, publishing thought leadership articles, and mentoring emerging talent to shape the future of the digital landscape.

## Sr. Cloud Solutions Architect, **Microsoft Singapore** *Jan 2021 – Jul 2023*

* Played a pivotal role in driving Azure adoption and digital transformation across the APAC region, leveraging deep expertise in cloud architecture and Microsoft Azure services.
* Led as the primary Cloud Solution Architect (CSA) for Vietnam, guiding a team of professionals to deliver exceptional customer experiences and drive business outcomes.
* Embraced a challenging role as the Hybrid Cloud Lead for APAC, actively contributing to shaping overarching strategies and engaging in architectural discussions with clients to address complex technical challenges.
* Collaborated closely with customers to understand their unique technical challenges in Azure, providing tailored solutions and guiding them through a journey from their current state to their desired future.
* Conducted architecture design sessions with stakeholders, adeptly communicating intricate technical details, facilitating understanding, and removing barriers to progress.
* Developed and delivered proof of concepts and demonstrations to illustrate use cases, ensuring clarity and managing expectations for our enterprise customers.

## Enterprise Architect, **Hewlett Packard Enterprise, Singapore** *Nov 2019 – Dec 2020*

* Led P&L for cloud, container technologies, and DevOps, managing solutions architects’ team in Singapore.
* Conducted regular proof of concepts on cloud, containers, and DevOps, demonstrating value to stakeholders and clients. Structured deals, managed budgets, and engineered solutions in hybrid cloud technologies, contributing to successful tender acquisitions.

## Technology Consulting Manager, **Accenture, Singapore** *Dec 2018 – Oct 2019*

* Provided technology advisory and consulting services to financial institutions across the ASEAN.
* Conducted detailed assessments, formulated migration plans, and executed them successfully fo a major southeast Asian banking client.
* Managed a team of nine individuals, fostering their professional growth while coaching them.

## Manager & Lead Engineer, **HealthSeq Asia, Singapore (start up)** *Oct 2015 – Dec 2018*

* Assumed the role of Engineering Director and spearheaded the growth of the startup from its inception to a successful acquisition within a four-year timeframe.
* Led a team of staff and contractors to design and build a HIPAA compliant protected and private cloud to store, analyze and study cancer patients’ data.

## Team Lead, *Accenture, India* *Jul 2013 – Sep 2015*

* Implemented CI/CD pipelines with Jenkins and Docker and leveraged automation tools like CHEF and CloudFormation to drastically reduce deployment time across several projects.
* Deployed and automated the entire billing system for clients using Chef which involved Oracle database, Siebel, and Oracle Fusion Middleware.

## Developer, *Singapore-MIT Alliance Jan 2012 – Apr 2013*

* Working for the R&D department of Massachusetts Institute of Technology in their offshore center in Singapore, I developed algorithms in Perl to identify protein binding sites in support of cancer studies.

## Domain Analysts, *Persistent Systems, India Oct 2010 – Sep 2011*

* Worked on automated testing on java applications for a major healthcare software.

## Junior Research Fellow, *ACTREC, Tata Memorial Center, India Jul 2008 – Dec 2010*

* Working on computation studies on cancer, I published three articles in international journals.

# 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 AND ARTICLES

[Terraforming the cloud: The road to cloud automation](file:///C:\Users\sbalakrish042\Downloads\amazon.com\Terraforming-Cloud-Satish-Balakrishnan\dp\1636401554) (Book)

The DevOps Career Handbook (Book Reviewer)

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

Satish Balakrishnan et. al (2012), PLoS ONE

Satish Balakrishnan et. al (2009), PLoS ONE

[Taking the Blockchain Route to Decentralizing Smart Cities](https://www.cdotrends.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)

# SKILLS

Microsoft Azure

Kubernetes

Terraform

Ansible

DevOps

OpenStack

People Management

Open-source technologies

Blockchain

AWS

FinOps

Growth mindset

Complex problem solving

Solution Architecture

Risk Assessment

# CERTIFICATIONS

Certified Kubernetes Administrator

HashiCorp Terraform Associate

Certified Blockchain Expert

Azure Solutions Architect Expert

Azure Administrator Associate

AWS Certified Solutions Architect – Associate

AWS Certified DevOps Engineer – Professional

Cyber Security Professional Certificate - CSFPC™

Azure AI Fundamentals