

RAMAKRISHNAN R. IYER

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I am an *Automation Expert*, drawn to simplifying operations. I specialise in IT Infrastructure automation, including end-to-end automated server build workflow. I am also a *published co-author* of a book on PowerShell.

EXPERIENCE

Merck Group

2019 – present

Expert, Infra. Automation

I work in the internal IT Infrastructure Automation team (Foundations and Ecosystem) of the vibrant science and technology company. We work on automation projects across the Windows Infrastructure space.

- Our prime focus area is the automation of server build and immutable configuration using Infrastructure as Code (IaC) concepts, PowerShell, SQL Server, Packer, Azure DevOps and PowerShell DSC.
- We help Operations and other teams automate repetitive tasks.

Cognizant Technology Solutions

2010 – 2019

Infra. Technology Specialist

I lead the offshore Infrastructure team for a renowned paper manufacturer in the US. I cut across the infrastructure fabric for the client, including VMware, Nutanix, Exchange, SCOM, SCCM and Citrix.

- I specialise in PowerShell; built modules, with tens of functions for backup, clean-up, auto-healing, auditing, and disaster recovery.
- I have led implementations of SCOM, SCCM, Citrix XenApp 7.15, DMARC, etc. Ask me about my experience with the projects.

OFF-WORK

PowerShell Core for Linux Administrators Cookbook 2018

Co-author, Packt Publication

The offer to co-author a book on two things I love, excited me. After a fruitful journey of over six months, the book, **PowerShell Core for Linux Administrators Cookbook**, was released in November 2018.

Meraki Post

2015 – present

IT Architect, Book reviewer, Podcaster (because, passion)

A few of us friends started a book review site, **Meraki Post**. It has been a journey to better control, performance and UX, with Jekyll, GitLab CI, AWS S3, CloudFront and Slack. Ask me about what I built!

The Weekend Lab

2017 – present

All work and no play makes ...

- I tinker with the world-favourite Raspberry PI 3 B+, running Arch Linux (ARM). Currently, it is our Media Server at home.
- Writing is my passion, too. Links to my blogs, podcast, stories and books are available on my homepage, <https://ramiyer.me>.
- I also built a detailed, online version of this résumé using Liquid and Jekyll Collections, available at <https://resume.ramiyer.me>.

EDUCATION

Birla Institute of Technology and Science, Pilani

2017

M.Tech (Software Engineering, Work-Integrated)

I dipped my feet into Cloud Computing and IaC here. 18 of our clients benefited from the GUI-based tool for Windows administration that I built using PowerShell, for my dissertation.

Alpha Arts and Science College, Chennai

2010

B.Sc (Electronics and Communications)

During my stint here, I served as the *President* of the Students' Forum, as well as the *Editor* of our departmental journal. I graduated as the *Best Outgoing Student* of the batch, along with a University rank in my Majors.