

# VIVEK NAGARAJAN

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## PROFESSIONAL SUMMARY

Strategic and results-driven Information Technology Consultant with a stellar track record spanning over 18 years, showcasing expertise in developing cutting-edge applications for both public cloud and on-premises environments. As a certified specialist in Azure Cloud technologies, I am currently at the forefront of transformative technology modernization projects.

My primary focus centers on crafting robust cloud infrastructure with an unwavering commitment to Cost, Security, High Availability, and Disaster Recovery, meticulously adhering to the foundational pillars of the well-architected framework.

In my current role as an Azure Cloud Infrastructure and Security Consultant, I orchestrate seamless collaboration among diverse cross-functional teams. This includes key stakeholders like Azure Solutions Architects from Microsoft, the Office of Architecture, Azure Center of Excellence, as well as teams in Networking, Security, Database Administration, and Site Reliability Engineering. Together, we diligently develop and maintain tailored applications for Azure, ensuring a flawless migration journey for on-premises applications.

Beyond my mastery in Azure Cloud technologies, my expertise extends into the Banking domain. I have successfully architected and delivered sophisticated backend applications for data-intensive OLTP & Data Warehouse systems. My skill set encompasses a spectrum of capabilities, including Application & Data Architecture, Oracle Database technology, Snowflake cloud, Infrastructure automation using Terraform & Terragrunt, and proficiency in various supporting tools, technologies, and programming languages.

My leadership acumen shines through in successful project and people management. Steering diverse teams across geographical boundaries, I've effectively navigated through all phases of application development in both Agile and Waterfall models.

Recognized as a highly approachable and trusted figure in the workplace, I bring a sense of strong ownership and a demonstrated ability to contribute at any organizational level. Adept at oral and written communication, I thrive in cross-functional team environments. My commitment to continuous learning is a hallmark, evident in my rapid adaptation to new technologies, reflecting a relentless pursuit of knowledge and agility.

My unique fusion of technical prowess, leadership finesse, and a collaborative spirit positions me as an invaluable asset, poised to spearhead and drive transformative technology initiatives for your organization.

## TECHNOLOGY EXPERTISE

- Actively working as an Azure Cloud Infrastructure and Security Consultant to build robust cloud infrastructure following the principles of the well-architected framework.
- Close collaboration with Microsoft and internal stakeholders to enable various Azure services for a new technology modernization platform.
- Defined High Availability (HA) and Disaster Recovery (DR) strategies for applications hosted in Azure cloud, along with associated Azure services.
- Worked closely with Site Reliability Engineering and Support teams and successfully lead multiple Disaster Recovery exercises.
- Architected and implemented a horizontally scalable & highly available Calculation Engine using Python 3.x, Oracle Database, Django, Pandas, NumPy, NGINX load balancer, and REDIS Cache.
- Successfully implemented multiple Data Warehouses to meet various regulatory requirements for the bank.
- Possess strong knowledge of Oracle Architecture & Internals, SQL, and PL/SQL programming.

- Hands-on experience in designing databases for high-performing OLTP & Data Warehouse applications.
- Expertise in Performance Tuning of SQL statements using Oracle Hints, Execution plans & Partitioning techniques.
- Proficient in creating PL/SQL Stored Procedures, Functions, Packages, Triggers, Oracle cursor management, exception handling & propagation, Ref Cursors, Dynamic SQL, Objects, and Collections.
- Extensive experience in developing Korn Shell scripts and scheduling jobs through Autosys.
- Developed numerous automations using Oracle and Shell Scripting.

## SKILLS

- Azure
- Databricks
- Terraform
- Snowflake
- Oracle Database
- Python 3.X
- App & Data Architecture
- OLTP & Data Warehouse
- SQL & PL/SQL
- Oracle Performance Tuning
- Data Modeling
- Data Vault
- REDIS
- NGINX
- Web Service
- Shell Scripting
- Java
- GIT Version Control
- Autosys Scheduling

## CERTIFICATIONS

- Microsoft Certified: Azure Network Engineer Associate ([Verification Link](#))
- Microsoft Certified: Azure Fundamentals ([Verification Link](#))
- Snowflake SnowPro Core
- AWS Certified Solutions Architect – Associate (Validation# N6CBV0S2FBF4QZGK)
- Oracle Certified SQL Expert,
- Oracle Certified Associate – PL/SQL Developer

## EDUCATIONAL QUALIFICATIONS

Bachelors in Information Technology, 2005 Anna University, India

## ACHIEVEMENTS

- **Microsoft Bounty Winner** - Identified a security vulnerability of "Important" severity within a Microsoft cloud service, leading to the acknowledgment and a bounty reward of \$10,000 USD by the Microsoft Security Response Center (MSRC).
- **Unsung Hero Award** - Recognized by State Street Bank & Trust for dedication, technical expertise, and collaborative teamwork in successfully delivering a complex project within a short timeframe, surpassing customer expectations.
- **Business Enabler Award** - Acknowledged by Cognizant Tech Solutions for demonstrating the potential to develop high-quality products and collaborate effectively with both technical and non-technical stakeholders.
- **Pat On Back Award** - Granted by Mahindra Satyam (Satyam Computer Services Ltd) for outstanding completion of a critical project, showcasing excellent PL/SQL code quality.
- **Certificate of Recognition** - Honored by McGraw-Hill Companies for demonstrating exceptional innovation, teamwork, and significant contributions to the overall success of the project.

## EMPLOYMENT HISTORY

<b>Systems Consultant @ State Street Bank &amp; Trust Company</b>	Jan/2018 - Present*
<b>Consulting Manager @ Cognizant Technology Solutions</b>	Apr/2010 - Jan/2018
<b>Software Engineer @ Mahindra Satyam (Satyam Computer Services Ltd)</b>	June/2007 - April/2010
<b>Assistant System Engineer @ Tata Consultancy Services</b>	Oct/2005 - May/2007

**REFERENCES:** Available upon request.