

# RAMAKRISHNAN SAKTHIVEL

Vice President (Sr Cloud Infrastructure Architect)

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## Experience

JP

Bournemouth

Vice President (Sr Cloud Infrastructure Architect)

2024 - Present

- Develop and design scalable, resilient, and secure cloud infrastructure solutions aligned with business objectives and industry best practices.
- Provide technical leadership and guidance to cross-functional teams in the design, implementation, and maintenance of cloud infrastructure solutions.
- Collaborate with stakeholders to define and implement cloud adoption strategies, including migration plans, cost optimization, and governance frameworks.
- Establish cloud governance frameworks and policies to ensure compliance with regulatory requirements and industry standards.
- Stay abreast of emerging cloud technologies and trends, evaluate their potential impact on the organization, and drive continuous improvement initiatives to enhance cloud infrastructure capabilities.
- Create and maintain technical documentation, architecture diagrams, and best practices guides, and facilitate knowledge sharing sessions with team members.
- Analyze cloud usage patterns and recommend cost optimization strategies, such as rightsizing instances, leveraging reserved instances, and implementing tagging policies.

PwC US

Bengaluru

AWS Cloud DevOps Lead

09/2021 - 01/2024

- I am responsible for designing and architecting cloud-based systems and applications that are scalable, reliable, and highly available. This includes selecting appropriate cloud services, designing system components, and ensuring that systems meet business and technical requirements
- Responsible for leading cloud migration and modernization initiatives, including developing migration strategies, identifying dependencies and risks, and developing processes and procedures for migration
- Responsible for design, implement, and maintain infrastructure automation solutions that enable efficient and reliable infrastructure management, including infrastructure as code, configuration management, and continuous delivery
- Providing technical leadership to the team, including mentoring and coaching team members, providing guidance on technical decisions, and identifying opportunities for technical improvement
- Devised the Cloud Migration plan for Healthcare, Hoteling, Airlines, Insurance clients providing them the journey roadmap for migrating 200+ Applications
- I have led successful cloud migration initiatives that have improved the scalability, reliability, and cost-effectiveness of systems and applications. This includes identifying and mitigating risks and dependencies, designing and implementing migration strategies, and ensuring successful post-migration operations
- Designed and implemented infrastructure automation solutions that have improved infrastructure management efficiency, reduced operational costs, and improved system reliability. This includes leveraging infrastructure as code, configuration management, and continuous delivery practices

Wipro Technologies

London, United Kingdom

Sr Site Reliability Engineer

03/2019 - 08/2021

- Designed and implemented highly available and resilient infrastructure that has significantly improved the reliability of business-critical systems and applications. This includes reducing downtime and improving response times to critical incidents
- Implemented scalable infrastructure solutions and performance optimizations that have enabled systems to handle increasing volumes of traffic and data without performance degradation. Resulting in improved user experience and customer satisfaction
- Developed and implemented automation tools and processes that have improved deployment times, reduced manual intervention, and streamlined maintenance activities. Resulting in improved system performance, increased productivity, and reduced operational costs
- Developed and maintained incident response and disaster recovery plans and procedures that have enabled quick recovery of systems in the event of an outage or disaster. This has minimized downtime and data loss, ensuring business continuity
- Collaborated effectively with cross-functional teams, including s/w engineers, n/w engineers, and sysadmins for system design, deployment, and maintenance. Resulting in improved communication, reduced friction across teams

## Experience

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Wipro	Pune, Maharashtra
Cloud Migration DevOps Engineer	01/2017 - 03/2019
<ul style="list-style-type: none"><li>Designed and implemented a secure, multi-zone hybrid cloud infrastructure, allowing for seamless integration between on-premise and cloud-based resources</li><li>Assisted in the migration of data and systems to a new cloud environment</li><li>Led the migration of the company's IT infrastructure to the cloud, resulting in improved scalability and performance</li><li>Utilized cloud computing technologies to reduce overall infrastructure costs by 70%</li><li>Developed a cloud-based application that is highly available and fault tolerant</li><li>Developed a DevOps strategy that improved time-to-market and reduced development costs by 70%</li><li>Secured the network and systems through the implementation of best-practice security policies and procedures</li><li>Collaborated with cross-functional teams to ensure the delivery of high-quality solutions on time and within budget</li><li>Implemented containerization and orchestration technologies to improve service scalability, reliability, and availability</li></ul>	
HCL Technologies	Noida, Uttar Pradesh
Cloud Engineer Trainee	07/2015 - 01/2017

• Assisted in deploying cloud infrastructure and services, including configuring virtual machines, containers, and storage, as well as networking and security components
• Responsible for monitoring cloud systems and services for issues, such as performance problems or service disruptions, and for taking appropriate remediation actions
• Automation and Scripting: You will assist in developing and implementing automation scripts and tools, such as scripts for infrastructure provisioning and deployment, or monitoring and alerting scripts
• Worked with senior engineers to ensure the security of cloud systems and services, such as implementing security controls and monitoring systems for security incidents
• Assisted in troubleshooting issues related to cloud infrastructure, services, and applications. You may also provide technical support to users and other teams within the organization
• I was responsible for creating and maintaining technical documentation, such as system architecture diagrams, configuration files, and procedures

KLE College of Engineering and Technology	Karnataka
Lecturer	06/2012 - 05/2013

## Education

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SRM Institute Of	Chennai, Tamil
M.Tech Cloud Computing	07/2013 - 06/2015
<ul style="list-style-type: none"><li>Science &amp; Technology (Deemed University)</li><li>Graduated with 8.958 CGPA</li><li>Chennai, Tamil</li></ul>	
KLE College of Engineering and Technology	Karnataka
B.E. Computer Science and Engineering	08/2008 - 05/2012

• KLE College of Engineering and Technology
• Graduated with 62.11%

## Summary

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Cloud DevOps Architect As a Cloud DevOps Specialist with 9+ years of experience in DevOps and Cloud Migration and Modernization, i bring a wealth of knowledge and expertise to your role. You have a deep understanding of cloud computing and DevOps practices, and your experience in leading complex cloud migration and modernization projects enables you to deliver high-quality, scalable, and secure cloud-based solutions. Extensive experience in designing, implementing, and managing cloud-based solutions for enterprise applications, including cloud migration and modernization projects. Expertise in cloud platforms such as Amazon Web Services (AWS) & Microsoft Azure, with a focus on optimizing performance, scalability, and cost-effectiveness. Strong understanding of DevOps practices and tools, including Continuous Integration and Continuous Delivery (CI/CD) pipelines, Infrastructure as Code (IaC), and Configuration Management tools. Experience with containerization and container orchestration tools such as Docker and Kubernetes . Proven ability to collaborate with cross-functional teams, including developers, infrastructure teams, and business stakeholders, to deliver high-quality solutions that meet business needs. Familiarity with agile methodologies and project management tools such as JIRA and Concourse

## Languages

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English Advanced ●●●●●

Hindi Advanced ●●●●●

Tamil Advanced ●●●●●

## Skills

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Agile · Agile methodologies · Amazon web services · Aws · AWS Cloud · Azure · Ci/cd · Cloud Computing · Cloud Infrastructure · Cloud migration · Cloud Security · Cloud Services · Configuration · Containers · Continuous Delivery · Continuous Integration · Devops · Docker · Github · Iac · Jenkins · Jira · Kubernetes · Microsoft Azure · Technical Leadership · Terraform · Virtual machines · Web Services

## Find me online

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 [LinkedIn](https://www.linkedin.com/in/blackhawk/)

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