Nandhish A.

AWS Solutions Architect & Engineer

4+ years experienced AWS certified solutions architect & engineering professional with a prolific track record of designing, delivering & deploying solutions for cloud technologies in IT Infrastructure functions. Possesses diverse experience of supporting AWS integrations, migrations, and providing effective architecture suggestions to catapult business growth. Adept at coordinating with the engineering professionals as part of ensuring optimum client satisfaction and on-time project delivery.

📞 +91 96297 30064   ✉ nandee1801@gmail.com   📍 Bengaluru, IN

KEY SKILLS

• AWS Setup & Architecture • Cloud Computing & Deployment • Cloud Setup & Management • Cost Estimation • Network Troubleshooting • Backup Operations • IAM Policy Formulation • Linux Update & Troubleshooting • Software/Hardware Debugging • Requirement Gathering & Analysis • Agile Methodology • User Authentication & Access • Client Servicing • Automation • Database Management • Security Management

TECHNICAL SKILLS

• **Cloud**: AWS (AWS S3, VPC, EC2, EBS, RDS, Elastic Load balancer (ELB), CloudEndure, CloudWatch, etc.)
• **Database**: MySQL, RDBM
• **Operating Systems**: Windows, Linux

PROFESSIONAL EXPERIENCE

Sr.System Engineer   Oct '23 - Present

Wipro Limited   Bengaluru, IN

Wipro is an Indian MNC that provides information technology, consulting and business process services. It is one of the leading Indian Big Tech companies.

- **AWS Infrastructure Management:**Administered EC2 instances, ALB, and ASG for scalable server infrastructure on AWS.
  Configured and maintained Virtual Private Cloud (VPC) environments, including subnets and route tables.
  Monitored and optimized AWS Direct Connect for efficient route propagation and performance.
  Managed AWS EKS clusters, orchestrating microservices with PODs in production.
- **Firewall and Network Security:**Implemented and configured Check Point firewall rules for VPC network segments.
  Deployed network security measures using security groups, NACLs, AWS WAF, AWS Shield, and Firewall Manager.
  Enhanced cloud security with AWS Security HUB, Guard Duty, Inspector, and SOC tools such as Q-Radar and Trend Micro Deep Security.
- **Monitoring and Performance Optimization:**Utilized CloudWatch, Prometheus, Grafana, EFK Stack, and CloudTrail for 24/7 application server monitoring.
  Developed and configured CloudWatch alarms for key operational and performance metrics.
  Analyzed and resolved server configuration issues to optimize user experience and system performance.
- **Disaster Recovery and Deployment:**Designed and implemented disaster recovery solutions with blue/green deployment strategies.
  Managed AWS Control Tower and Organizational Units to streamline the deployment of PROD and UAT environments.
- **Collaboration and Task Management:**Coordinated with CRM, FinAgg, and Bajaj application teams to ensure timely project delivery and task completion.
  Oversaw mission-critical systems to ensure optimal performance and high availability.

Associate Engineer   Nov '18 - Oct '23

Quess Corp   Bengaluru, IN

Established in 2007, Quess Corp is a leading business services provider that serves 2600+ customers across 10 countries & has a market cap of ~INR 54bn.

AWS Architecture & Disaster Recovery

- **Migrating windows server** from on-premises **to AWS** and performing disaster recovery tests by deploying **CloudEndure**
- **Consolidating** Azure AD and **Microsoft AD** with **AWS** by performing **SAML** based roles
- Orchestrating resources & applications via **AWS CloudWatch** including **creating alarms** to track metrics for services such as EBS, EC2, ELB, RDS, S3, etc.

Cost Estimations & IAM Policy Formulation

- Developing & documenting **runbook**, and identifying top **cloud architecture solutions** to steer company's strategic needs

- Providing **Auto sync** to **S3 solutions** for client's data and preparing **cost estimations** based on their server needs
  - Sending a **request for proposal** to clients for disaster recovery and recommending auto-sync to s3 via Data sync
- Forming customer's **IAM policies**, roles, and **managing users** within AWS specified region

Linux Engineer   Oct '16 - Aug '17

Jones Lang LaSalle Incorporated   Bengaluru, IN

LaSalle Investment Management is one of the world's largest & most diverse real estate investment management firms with around 100k employees

Linux Update & LVM Designing

- **Troubleshot** Linux & applied necessary patches & updates in **Linux,** and performed **user & group management** tasks
- Performed a crucial role in analyzing and **rectifying login** & **booting issues**
- Created **LVM** (Logic Volume Management) and liaised with the team members to install & **configure Nagios** tool

Backup Management & File System Monitoring

- Performed **backups** and troubleshot & resolve problems for servers associated with a **VMware virtual infrastructure**
- Rendered assistance with **SWAP in Linux** operating system, file system management, and **ACL** (Access Control List)

Desktop Support   Apr '15 - Oct '16

Amps Pvt. Ltd.   Bengaluru, IN

It is a leading professional service provider of Housekeeping services, cleaning services and facility management headquartered in Bengaluru

Software/Hardware Troubleshooting & Backup Operations

- **Debugged hardware**, software, network, remote **VPN connectivity** issues & troubleshot basic networks (Ping, TraceRoute)
- Played a key role in **OS installation** & troubleshooting and performing OST & **PST file backup** operations
- **Configured** MS Outlook, Access control systems, and **IP based cameras**

EDUCATION

Jayalakshmi Institute of Technology, Anna University   Apr '10 - Apr '14

B.E. in Electronics & Communication   Chennai, IN

Anna University, established In 1978, is a public state university located in Tamil Nadu, India, and comprises 13 constituent colleges & 3 regional campuses

ADDITIONAL INFORMATION

Languages Known: English, Tamil, Kannada, and Telugu

CERTIFICATIONS & TRAINING

- **AWS Solution Architect** | Associate Certification | AWS | Validation Number: 4QQHLKXKEEQ4QV53 | Issued in June'23
- **Linux-Redhat** Training | Pragathi Technologies | Apr '18 - Sep '18