Prasanta Banerjee

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◆IT Infrastructure Manager ◆AZURE AND AMAZON WEB SERVICES

Specialized Project Lead, Azure Cloud Amazon Cloud, Hybrid Technology

Highly skilled in Systems, Networking, Cloud Technology professional bringing 12+ years of experience in Infrastructure Development, Team Management, People Management, Security, Local Datacenter. Skilled in all phases Networking, Disaster Recovery Plan, Business Continuity Plan, High Availability of Application, Load Balancer, Auto Scaling, VM Ware, Hyper-V, Storage, GitHub, Docker, Jira, ITIL Framework, ITSM Tool, Windows Server2008, 2012, MySQL Database, Linux Active Directory, Firewall, End Point Security, expert in translating business requirements into technical solutions; and making quality, usability, security and scalability.

SUMMARY OF QUALIFICATION

- Provide guidance and insight to upper management and procure buy-in.
- Provide specific details of duties and accomplishments in career.
- Experience in the design, implementation of large-scale solutions and platforms with present Technology.
- Experience with Microsoft Azure Cloud Platform (IAAS) – Virtual Machines, Storage, Azure Functions, Azure Key Vault, Application Gateway/Traffic Manager, , Azure Active Directory And Roles,
- Working Knowledge in setting up cluster for Azure Service Fabric and deployment of micro services using CI-CD and Kubernetes.
- Experience in Cloud health monitoring, capacity planning and consumption trend analysis, cost optimization techniques.
- Should be able to determine multiple ways to work around or eliminate technical blockers.
- Hands-on experience on configuring and troubleshooting application gateway firewall, load balancers, Vm/Disk encryption, Azure vaults, network security group
- Skilled in prioritizing and managing multiple tasks simultaneously.
- Have experience in working within a development environment both as an Individual & Team Member. Believe in proactively addressing challenges & taking responsibility of tasks assigned

TECHNICAL EXPERTISE/SKILLS

Cloud Platform: Amazon Web Services

Technical Knowledge:

- Understanding of core AWS services, uses, and basic AWS architecture best practices
- Proficiency in developing, deploying, and debugging cloud-based applications using AWS.
- Ability to use the AWS service APIs, AWS CLI, and SDKs to write applications
- Ability to identify key features of AWS services
- Understanding of the AWS shared responsibility model
- Understanding of application lifecycle management
- Ability to use a CI/CD pipeline to deploy applications on AWS
- Ability to use or interact with AWS services
- Ability to author, maintain, and debug code modules on AWS
- Proficiency writing code for server less applications
- Understanding of the use of containers in the development process
- Thorough knowledge in AWS and able to maintain infrastructure. Experience in guiding the classification, plan, implementation, growth, adoption and compliance to enterprise architecture strategies, processes and standards
- Designed and developed highly scalable and available systems.
  Worked with services like EC2, Lambda, SES, SNS, VPC, Cloud Front, Cloud Formation etc,
- Demonstrated expertise in creating architecture blueprints and detailed documentation. Created bill of materials, including required Cloud Services (such as EC2, S3 etc.) and tools
- Involved in the end to end deployment process.
- Ability to understand Migration requirements and bridge the gaps
- Expertise in architecture blueprints and detailed documentation. Create bill of materials, including required Cloud Services (such as EC2, S3 etc.) and tools.
- Hands-on experience with EC2, ECS, ELB, EBS, S3, VPC, IAM, SQS, RDS, Lambda, Cloud Watch, Storage Gateway, Cloud formation, Elastic Beanstalk and Auto scaling.
- Demonstrable experience with developer tools like Code Deploy, Code Build, Code Pipeline, design the overall Virtual Private Cloud VPC
- Environment including server instance, storage instances, subnets, high availability zones, etc.
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Knowledge of Operating Systems: Windows7, 8, 10, Linux, Ubuntu, Cent2OS
Knowledge of Windows Servers: Windows Server2008, 2012, 2016

PROFESSIONAL EXPERIENCE

CALEDON TECHNOLOGIES INDIA PVT. LTD   **June'19 To Dec'19**

General Manager IT – Project Lead Role

As a Project Lead serve as subject matter expert on Oversee and delivery of high-end projects and information communication portal. Key accountability included client need analysis, scope of work, development, design, testing, interactive designing and architect solution's.

- Develop a project plan
- Manage deliverables according to the plan
- Recruit project staff
- Lead and manage the project team
- Determine the methodology used on the project
- Establish a project schedule and determine each phase
- Assign tasks to project team members
- Provide regular updates to upper management
- Strong business & technology focused leader with specific expertise and experience in disaster recovery development and reporting.
- Led a large team size of 20

CORLIFE SCIENCES INDIA PVT. LTD.   **OCT 2017 – MAY 2019**

IT Manager – IT INFRASTRUCTURE ROLE

- Responsible for ensuring that the business has an adaptable, secure, resilient and effective IT infrastructure at all times.
- Duties Performed. Being in control of all aspects of IT at the company.
- Setting strategy and direction for the IT department. Taking an active role in shaping the current and future direction of the IT department.
- Ensuring members of the IT team are all cross trained. Making sure staff have clear areas of responsibility and lines of ownership.
- Defining and meeting service levels for IT operations. Ensuring that IT contracts and service levels are negotiated in line with all strategic aims and financial constraints.
- Manage supplier relationships including cost control and service delivery.
- Vendor Management with proper Request for Quotation (RFQ) And RFP.

- Making sure the company meets all regulatory, legal, audit and agreed internal and external standards for IT.
- Implementing new IT systems, IT Policies, IT SOP's and strategies. Promoting the company's website on social media platforms.
- Managing a team of technical staff. Reviewing IT architecture and infrastructure and identifying areas in need of upgrade.
- Communicating regularly with executive management on information technology issues.
- Running regular checks on network and data security
- Identifying and acting on opportunities to improve and update software and systems
- Designing and workshops for staff
- Conducting regular system audits
- Running and sharing regular operation system reports with senior staff
- Overseeing and determining timeframes for major IT projects including system updates, upgrades, migrations and outages
- Managing and reporting on allocation of IT budget
- Providing direction for IT team members
- Identifying opportunities for team training and skills advancement

PEERLESS FUNDS MANAGEMENT CO. LTD.   **JULY 2010 – JAN 2017**
Assistant Manager – IT INFRASTRUCTURE ROLE

- Design and implement short- and long-term strategic plans to make certain network capacity meets existing and future requirements.
- Develop, implement, and maintain policies, procedures, and associated training plans for network resource administration and appropriate use.
- Practice network asset management, including maintenance of network component inventory, life cycle management and related documentation.
- Establish service level agreements with end users.
- Provides "ownership" of problem thru final resolution.
- Plan, acquire, and coordinate installation of in-house and remote hardware and software   across the organization's network.
- Conduct research and make recommendations on network products, services, protocols, and standards in support of network procurement and development efforts.
- Prepare RFPs, bid proposals, contracts, scope of work reports, and other documentation for IT   projects and associated efforts.
- Perform cost-benefit and return on investment analyses for proposed systems to aid management in making implementation decisions.
- Negotiate with vendors, outsourcers, and contractors to secure network products and services.
- Assess, approve, and administer all equipment, hardware, and software upgrades.

- Manage and ensure effectiveness of servers, including e-mail, print, and backup servers, and their associated operating systems and software. Responsible for on-site and off-site data centers.
- Manage and ensure optimal operation of all network hardware and equipment, including routers, switches, hubs, UPSs, and so on.
- Manage and ensure effectiveness of security solutions, including firewalls, anti-virus solutions, and intrusion detection systems

AARGEE SOLUTIONS PVT. LTD   **AUG 2009 – DEC 2009**
(Process Associate-Deputed in TCS)
MAGNA INFO SERVICES PVT. LTD.   **APRIL 2008– JULY 2009**
(Software Engineer -.Net developer)
RELIABLE INTERNET SERVICES PVT. LTD.   **JAN 2007- MARCH 2008**
(Technical Support-Payroll Adecco)

EDUCATION

Master of Computer Application (M.C.A.) 2010
SMU, West Bengal- **63%**
Bachelor of Computer Application (B.C.A)-2005
WBUTECH, West Bengal - **69 %.**

Certifications Completed
- Globally Certified Microsoft Azure AZ-103
- AWS Solutions Architect
- Completed Training of Microsoft Certified Systems Engineer(MCSE-Server2012)

Certifications Perusing
Cloud & DevOps Architect from Intellipaat
The Training & Certifications covers the following domains:

- - DevOps, Hadoop : Admin, Oracle DBA
- - Microsoft Azure Solutions Architect
- - Google Cloud Computing Essentials

PERSONAL DETAILS

Date of Birth: 22nd March 1981   **Nationality:**   Indian