

PRASHANT KUMAR

Infrastructure Architect
(10 years of experience)

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Skills

Infrastructure Design & Analysis

- Risk Analysis
- High availability & Disaster Recovery Planning
- Research New Technology (POC)
- Tool: MS visio

Cloud Infrastructure Design

- Planing & design
- Risk analysis
- Provider: AWS, GCP

DevOps

- Automation and integration
- Tools: Git, Jenkins, Chef, Ansible, Splunk

Middleware Technology

- WebSphere Application Server v6.1/ v7/ v8.5
- Jboss, Tomcat
- Apache, IHS, LDAP, Edge server
- WebSeal, CA Siteminder
- F5, ESB, XmlGateway

Coding Language

- Python, Java
- bash, perl

Expertise

- SSL (cryptography)
- Security Solution & Risk Analysis

Summary

- 10 years of Experience in IT infrastructure design**, capacity planning and technical implementation for Security Solution applications (including products like F5, ISAM, Apache, WAS/JBoss/Tomcat, ESB, XmlGW etc.), **DevOps**, storages, and **cloud infrastructure** providers.
- Leading and **Managing** a team for Web Platform Engineering, Project Management & delivery.
- Designing infrastructure to support efficient and secured collaboration between company's DataCenter and vender **cloud infrastructure**.
- Design & Implementation of **DevOps** tools for Linux platforms, Focused on automation and integration.
- Working with other technology groups and business units to provide infrastructure services to meet new business objectives and support new initiatives. Ensured delivery of highly available services.
- Working within the **Cloud** for integration processes.
- Research** on new technologies and **planing proof-of-concept** and production implementations.
- Advising on the **DR strategy** and implementation, focussing on server virtualisation consolidation, storage replication and extending the applications services into another site, fail over and fail back between sites.
- Writing **custom monitoring** and integrated monitoring methods into deployment processes to develop self-healing solutions.

Work Experience (10 years of experience)

Company	Designation	Duration
MasterCard Technology Pvt Ltd	Senior Internet Engineer (Infrastructure Design)	Aug 2017 - Present
Cognizant Technology Services	Associate Operation Manager	Sept 2013 - Aug 2017
Amdocs Development Centre	Senior Subject Matter Expert	Sept 2011 - Sept 2013
Mphasis Limited	Specialised Senior Infrastructure	Nov 2010 - Sept 2011
HSBC Software Development India	Software Engineer	June 2008 - Nov 2010

Certificates

- AWS Certified Solutions Architect – Associate
- ITIL v3 Foundation
- IBM Certified System Administrator: AIX 7
- Business English Certificate from University of Cambridge.

- IBM Certified System Administrator:
- WebSphere Application Server Network Deployment V8.5.5 and Liberty Profile
 - WebSphere Application Server Network Deployment V8.0
 - WebSphere Application Server, ND v6.1

Education & Scholarship

Bachelor In Engineering, (2004-08)
Electronics & Telecomm.
Collage: Bhilai Institute of Technology,
Pt. Ravi Shankar University, India.

PM TROPHY MCM Scholarship provided by Steel Authority of India Limited (SAIL), during 2004 to 2008 (for graduation).

Project Summary

MASTERCARD TECHNOLOGY PRIVATE LIMITED
SENIOR INTERNET ENGINEER
(INFRASTRUCTURE ARCHITECT)

“Certificate of Appreciation from Application Team for for delivering successful discovery, analysis, and design workshops for application teams of both technical and nontechnical backgrounds that shaped use cases and architecture design decisions,
&
Internal Training Team for conducting training for middleware technologies
&
Higher Management for outstanding performance.”

- Working on Security Solution application/products, which offers high end security to the customer.
- Managing team of Web Platform Engineering, Project Management & Database.
- Designing architecture roadmap for applications on virtualised & **cloud infrastructure**, to support auto-scaling (for cloud infrastructure), auto/manual failover based on business needs.
- Automate deployments (**CI&CD**) & other repetitive tasks using shell/Python scripts or tools like Jenkins & CodeDeploy etc.
- Configure centralised configuration management using **DevOps** tools like Chef/OpsWorks, Puppet, Ansible etc
- Configure automated alerts/alarms using Splung & SNS services.
- Researched new technologies and develop proof-of-concept for technologies like Redis, Postgres, Google cloud platform, Cloudera Hadoop etc.
- Involved in capacity planning & Identifying performance bottlenecks and optimise the performance.
- Co-ordinating with various teams across 4 countries to understand business requirements, propose solutions and ensure delivery.
- Also, I am part of Company’s **Internal Trainer** and have conducted various In-class training for WebSphere Application Server, SSL, & cloud (AWS & GCP).

COGNIZANT TECHNOLOGY SOLUTION
ASSOCIATE OPERATION MANAGER
2013 - 2015

“Certificate of Appreciation”
from Client for providing extensive support during new FileNet version support.

- **Managed team** of 18 people of various Middleware Technologies like WAS, MQ, ConnectDirect and Database.
- Providing 24*7 Production Support from Offshore. Responsible for Building & Supporting various applications of Lloyds Banking Group which are running on clustered WebSphere Application Server and Jboss Application Server.
- Implemented **DevOps** tools in Dev, Pre-Prod & Production environment for automatic build & deployment for various application. (Patched 200 WAS Servers using chef & Ansible)
- Handled and configured **certificates** for application security on web/app tier.
- Liaised with various teams like customer engineering, development, and operations by aligning their requirements and use cases to the functional capabilities of existing solutions.
- As a **On-call Manager**, Involved in bridge calls with other team leads and developers for resolving the high priority issues for high availability production systems and also supported deployment into Pre-production and Production Environments.

AMDOCS DEVELOPMENT CENTER INDIA PVT LTD.
SENIOR SUBJECT MATTER EXPERT
2011 - 2013

Certificate of Appreciation and 120\$ from Client for automating the development environment using shell script.
&
Travelled to Mexico to demonstrate Amdocs product (ACS & OMS) to client O2 and provide product details.

- Responsible for installing & managing WebSphere application server & MQ on Linux, AIX.
- Involved in IBM WebSphere Application server installation, configuration and management. Worked on horizontal clustering and vertical clustering for Work Load Management (WLM) and Fail over.
- Work with scripting languages for WSADMIN like JYTHON and SHELL scripts.
- Automate new changes in environment for time utilisation by create JYTHON scripting for starting, stopping servers, installing application, creating custom properties, JVM changes, synchronising of nodes etc. Involved in troubleshooting and resolving problems encountered and Documentation of all procedures and any other important issue.
- Having good knowledge at configuration of WAS including profiles management.
- Analysed native log files using the Log Analyzer and diagnosed application server problems and interacting with IBM support (PMR services) to solve problems.
- Monitored Applications, Generated thread dumps / Heap dumps to check for system objects using IBM Thread/Heap analyzer.
- Involved in troubleshooting and resolving problems encountered and Documentation of all procedures and any other important issue.

MPHASIS AN HP COMPANY
SPECIALIZED SENIOR INFRASTRUCTURE
2010 - 2011

HSBC SOFTWARE DEVELOPEMT INDIA PVT LTD
SOFTWARE ENGINEER
2008 - 2010

“Certificate of Appreciation from Higher Management for providing stand-alone support during team unavailability.”