

Parthiban Ponnusamy

Cloud and DevOps Lead

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📅 02 January 1984



🔧 Professional Summary

- A Dynamic Result-Oriented IT professional with 14+ years of techno-functional leadership experience in Cloud, DevOps, System Administration, Build & Release Engineering
- Excels in providing technical design & architectural leadership to multiple projects teams to ensure applications are integrated and adhered to stated architectural and design principles & standards
- Highly Experienced in set-up of Devops, SCM, Build Release Engineering, CI/CD Process, Release Management & UAT
- Highly experienced in implementation, administration and support of Linux (RHEL, SLES, CentOS and OEL), Solaris, AIX and Windows Server operating systems
- Highly experienced in DevOps Tools Stack like Git, Jenkins, Ansible, Artifactory, SonarQube, Docker, Kubernetes, Terraform, Nagios, ELK, Jira and Confluence
- Hands on Experience in AWS and automating the cloud deployments and operations
- Worked extensively on Automation Development using Python, Django, UNIX Shell Script and other tools
- Excels in IT Infrastructure Management and Service Delivery
- Proficient in developing implementing configuration management standards, plans, processes policies
- Experience in managing software development lifecycle (SDLC) including requirement analysis, design, coding, testing and maintenance phases
- Currently working with EPAM Systems as Lead Systems Engineer

</> Technical Expertise

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| Programming Skills | Python, UNIX Shell Script (BASH), Groovy, JavaScript, HTML |
| Frameworks | Django, Flask, HTML Bootstrap4 |
| Operating Systems | Linux (RHEL, SLES, OEL, CentOS), Solaris, AIX, HP-UX, Windows Server 2012 |
| Virtualization | VMware ESXi, KVM, OVM, Vagrant, LXC, Dockers |
| Container Orchestration | Kubernetes, AWS ECS |
| Key AWS Components | EC2, ECS, Lambda, ELB/ALB, VPC, Networking & Config |
| Source Code Management (SCM) | GitLab, GitHub |
| Build Tools | Maven, Gradle, MSBuild, Make, NPM |
| Build Orchestration Tools (CICD) | Jenkins, Azure DevOps, Artifactory, Nexus, SonarQube, Terraform, Ansible |
| Testing and Code Coverage Tools | Sonarqube, Junit, Selenium |
| Configuration Management | Ansible, Chef |
| Infrastructure as Code (IaC) | Terraform, CloudFormation |
| Monitoring Tools | Nagios, Elastic Search, Logstash, Kibana (ELK Stack), Grafana |
| Middleware | Apache Tomcat |
| Databases | Oracle Database, Microsoft SQL Server, MySQL, PostgreSQL |
| Other Tools | Jira, Confluence, Remedy, Service Now, Visual Studio Code, PyCharm, IntelliJ |

🏛️ Certifications and Trainings

- Redhat Certified Engineer (RHCE)
- Cisco Certified Network Associate (CCNA)
- Attended various corporate training programs

📁 Core Competencies

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| System Administration | Solution Architecture - DevOps | Software Configuration Management | Automation | Service Delivery |
| Requirement Gathering | Incident and Change Management | Application Life Cycle Management | Release Management | |

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| Jun 2019 Till date | Lead Systems Engineer at EPAM Systems, Bangalore, India <ul style="list-style-type: none"> Provide DevOps consulting and support for the clients requirements OnCall Support for production systems Conduct the technical interviews assigned Linux DevOps Python Shell Script CI/CD ELK Stack Grafana Kafka Zoo Keeper Dockers Kubernetes |
| Oct 2017 Jun 2019 | Principal System Administrator - DevOps at Oracle India Pvt Ltd, Bangalore, India <ul style="list-style-type: none"> DevOps and Linux Support for various internal product development teams across Oracle Setup Continous Integration (CI) and Continous Deployments (CD) Infrastructure Provision and Configuration Management using Ansible and Chef Developed various applications portals with REST API using Python and Django Framework Develop self-service scripts for various tasks for multiple project teams Work on developing POCs for different project requirements and new technologies Work on Escalated tickets and provide Root Cause Analysis (RCA) for the critical incidents Oracle Enterprise Linux (OEL) Python Django UNIX Shell Scripting (BASH) Git Jenkins Ansible Chef Dockers Kubernetes Maven Nexus SonarQube KVM OVM Kickstart Jira Confluence |
| Jun 2015 Oct 2017 | Subject Matter Expert (SME) at IBM India Pvt Ltd, Bangalore, India <ul style="list-style-type: none"> Infrastructure and DevOps Support for the UK based telecommincation provider Work with various application teams, network team, database and other teams for various new projects and requirements. Support for UNIX (Linux, Solaris, HP-UX) Infrastructure (Production Support, Server Builds, Patching, Configuration Management, Development Support) Worked on different Automation projects as part of the continuous service improvements Assesment for migrating the on-premise workloads to cloud Set up CI/CD Pipelines for different applications Designing POCs and actively participate in technical review board meetings (TRB) for architectural discussions SuSE Linux (SLES) Redhat Linux (RHEL) Python Django UNIX Shell Scripting Git Jenkins Maven Artifactory SonarQube AWS Terraform CloudFormation Dockers Ansible Kickstart Redhat Cluster Suite LVM RAID Multipath NFS LDAP FTP SUDO hpsmcli hpacucli ILO VMware KVM Oracle DB Remedy Service Now |
| Mar 2011 June 2015 | Infrastructure Management Principal at Xerox Business Services, Bangalore, India <ul style="list-style-type: none"> Infrastructure and DevOps Support for the US based stationary seller for their US and Europe Locations Worked on setting up infrastructure in AWS Cloud Worked extensively on OS patching, Firmware Upgrade, OS migration, storage migration and Disaster Recovery (DR) Worked on incident management, change management, problem management and various automation projects Configurtion Management using ansible and chef Oncall Support for the infrastructure issues Design and implementation of reusable terraform based Infrastructure SuSE Linux (SLES) Redhat Linux (RHEL) Solaris Oracle RAC MySQL Python Shell Scripting AWS Terraform Ansible Chef Git Jenkins HAProxy Tomcat LVM RAID PowerPath Kickstart LDAP NIS SUDO NFS FTP Remedy BladeLogic ITIL |
| Mar 2010 Mar 2011 | Senior Systems Administrator at Mindlance Outsourcing Pvt Ltd, Bangalore, India <ul style="list-style-type: none"> UNIX (SLES and AIX) Support for a Japan based Bankers Bank Worked on developing modules for the Alerting Framework (ESAF) Write shell scripts for automating various repeated tasks Worked on the firmware upgrade and log rotation project SLES AIX Apache Tomcat Oracle RAC Unix Shell Scripting Perl MySQL Kickstart RAID LVM SSH NFS FTP LDAP NIS SUDO NTP RSync VMware ESX ITIL |

May 2007
Feb 2010

Senior System Engineer at Appnomic Systems, Bangalore, India

- Datacenter Operations, Racking and stacking the servers, server builds, Hardware Support at Cypress Semiconductors
- Administered Active Directory, NIS, LDAP, DHCP, DNS, Postfix, Squid Proxy, LSF, WSUS and EPO servers
- Tape backup the data on regular basis
- Automated various time consuming tasks
- As part of the remote support project (NOC), provided UNIX support to various different clients
- Co-ordinating with vendors for hardware and software support
- Administered all the Desktops, Laptops, Workstations, Printers, Servers and Switches devices in the site

Linux Solaris Windows Server 2008 NIS LDAP DHCP DNS PostFix Squid LSF WSUS McAfee EPO SVN
NFS FTP Apache HTTP SAMBA SSH RSync LVM RAID Kickstart Batch Script Shell Script Nagios
Redhat Clusters ITIL

Dec 2004
Apr 2007

Executive - Support at Sysmantech, Bangalore, India

- Field support for various small and medium business customers
- Hardware and OS Support for Laptops, Servers, Desktops and Printers
- Setting up Local Area Network (LAN), Installing switches and routers for small and medium business from scratch
- Manage AMC customers and provide technical support for their organizational needs
- Infrastructure services like Proxy, Active Directory, FTP, DNS based on the requirement

Windows Server 2003 Windows XP Linux Hardware Support Desktop Support Network Support Batch Scripting

Academic Qualification

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| 2004 | Diploma in Electronics and Communication Engineering from Sakthi Institute of Technology, Erode |
| 2001 | HSC from Diamond Jubile Higher Seconday School, Gobichettipalayam |
| 1999 | SSLC from Diamond Jubile Higher Seconday School, Gobichettipalayam |