Basudeb Tripathy

Sr. Staff Engineer - DevOps

13+ years of overall experience in IT/Software industry with strong technical exposure and competence in QA, DevOps- Testing, CI/CD, Cloud, Container services and Automation.

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Bengaluru, India 📍

SKILLS

GIT CI/CD-Jenkins Docker kubernetes AWS Python Terraform Ansible TCP/IP EFK Jira
Prometheus WebRTC TLS DTLS STUN REST API OAuth SSO SIP/IMS VOIP

WORK EXPERIENCE

Senior Member of Technical Staff III - R&D
Mavenir Systems

03/2016 - Present   *Bangalore, India*

Achievements/Tasks

- Hands on experience in container based technologies like **Docker, Kubernetes**.
- Experience with CI(Continuous Integration) and CD(Continuous Deployment) methodologies using **CI/CD** tools such as **Jenkins** and build tool such as **Docker**.
- Experience on cloud technologies such as **AWS** (IAM, VPC, EKS, EC2, EBS, ELB, S3, AMI etc.) / OpenStack.
- Experience with DevOps provisioning / configurations tools such as **Terraform** , **Ansible** and JFrog **Artifactory**.
- Experience with **Python** scripting.
- Experience in Monitoring Tools like **Prometheus** and manage logs management tools like **EFK** on Kubernetes cluster.
- Experience with Branching, Merging, Tagging and maintaining the versions across the environments using **SCM** tools like **GIT** , **bitbucket**.
- Experience with **DevOps/Agile** operations process. Experienced with Bug tracking tool like **JIRA**.
- Have experience on **LINUX** based platform and experience in **TCP/IP networking** , TLS, Certificates, etc.
- Good experience on various **voice/video protocols** over IP, in particular SIP,SDP,RTP etc.

Technical Lead - QA
Sonus Networks

02/2013 - 03/2016   *Bangalore, India*

Achievements/Tasks

- Sonus product (SBC) validation and delivery.
- Experienced in FSD/DSD review, Test Case Writing, Test case Automation (perl), Test Execution, Bug Tracking and Reporting.
- Worked as QA on Telecom products , based on SIP & Diameter protocol, TLS,DTLS.
- Worked in different roles in QA: Functional, Load Testing, System, and Solution Testing, Integration and Services.
- Analyze requirements during the FSD/DSD review phase of projects.
- Collate the requirements, understand, prioritized the requirements and assign task to the individual Team members.
- Reviewed the Test Cases Prepared by the Team Members.
- Closely working with the project team (DEV, QA, and PM).
- Worked for Telecom VOLTE/IMS feature testing as per product requirements.

Senior Engineer - QA
ZTE Corporation

12/2011 - 10/2012   *Casablanca , Morocco*

Achievements/Tasks

- Validation of ZTE NGN (VoIP) products.
- Test bed setup in customer place for Functional, Integration, Acceptance testing.
- Environment set-up for SIP–SIP, SIP-ISUP interworking with PSTN network.
- Regression for New Release/Patch Testing, Root cause analysis.
- Acceptance test with customer.

WORK EXPERIENCE

Senior Engineer
ZTE Corporation

04/2011 - 11/2011   *Kuala Lumpur, Malaysia*

Achievements/Tasks

- Testbed setup of ZTE SBC, MGC (Soft Switch), MGW (Media gateway) with DiGi network.
- Test bed setup in customer place for Functional, Integration, Acceptance testing.
- Different SIP-SIP calls routing in MGC. Root cause analysis.

Telecom Engineer
ZTE Corporation

05/2007 - 03/2011   *Kolkata, India*

Achievements/Tasks

- Installation and commissioning of ZTE SBC, MGC, MGW and Soft Switch. Debugging and version upgrade on both equipment
- Establishment of association between ZTE MGW-SOFTSWITCH, MGC-SG and MG-SG.
- Use of proper codec for compression of voice so that quality as well as efficient utilization of bandwidth can be maintained.
- Routing administration (DAS and route list creation).
- SIP/ISUP trunk group and signaling creation.
- Monitoring of hardware fault and all POI fault related alarms.
- Responsible for all NLD Network fault management .

ORGANIZATIONS

Mavenir System (03/2016 - Present)
Senior Member of Technical Staff III

Sonus Networks (02/2013 - 03/2016)
Technical Lead

ZTE Corporation (05/2007 - 10/2012)
Senior Engineer

HONOR AWARDS

Super Star Award (01/2018)
Mavenir System

Team Excellence Award (03/2012)
ZTE Maroc Telecom

EDUCATION

B.Tech
West Bengal University of Technology

04/2002 - 08/2006   *Kolkata, India*

Courses

- Electronics & Communications Engineering