

SANJEEV KUMAR

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SUMMARY

An AWS certified engineer, with 14+ years of experience and have delivered many high end products in this journey, while leading teams of size 4-10. Experienced on DevOps CI/CD tools and infra as code tools like cloud formation and terraform. I have experienced on working multiple onsite projects in different countries with different companies on varying technologies.

TECHNICAL SKILLS

Language	C, Ansible
DevOps Tools	Jenkins, Maven, Nexus, Ansible, Docker, Kubernetes
AWS Technologies	AWS Lambda, API Gateway, EC2, S3, VPC, ELB, IAM, RDS
Operating System	Linux, Windows
Version Management Tools	Git, CVS, Perforce, SVN
Project Management Tools	JIRA, KONA, Bugzilla

ACHIEVEMENTS/CERTIFICATIONS

- AWS Developer Associate Certified (07th December 2020)
- AWS Solution Architect Associate Certified (29th February 2020)
- Best Project Award at Samsung for Audio Video Output Control Project (2015)
- Samsung Certified Advanced in Data Structure, Algorithm and Problem Solving (2016)
- Algorithms Specialization Course by Stanford at Coursera (2014)

WORK EXPERIENCE

Samsung Research And Development Institute, Delhi *Chief Engineer*

August 2013-Present

- Delivered DevOps CI/CD 100+ Jenkins jobs pipeline, for automating around 30+ company cloud services for a one click deployment on three different servers mainly used for development, staging and production.
- Delivered DevOps CI 50+ Jenkins jobs pipeline to run SonarQube, Quality gates, Soap UI, JMeter.
- Worked with Ansible Inventory, Playbook, Roles for configuration management, software provisioning, attach/detach of SLB, ELB and deployment of applications on servers as a part of post submit CI/CD process to automate the company services.
- Experienced on DevOps tools like Jenkins, Maven, Vault, CI Deck, GIT, Docker, Kubernetes, Nexus.
- Configured SonarQube, Quality Gates and Soap UI to maintain the code quality checks, and testing of services on both windows and Linux based servers.
- Delivered manual deployment of new releases for over 30+ services with release candidate, creating backup, capturing AMI snapshot, attach/detach ELB/SLB, installing SSL security update and ARGUS monitoring software installation for Server Release Management.
- Management of a team involved in development, integration and testing of AVOC related module for Samsung Smart TV(DVB, ISDB, ATSC etc).
- Development of support for special modes like Sports Mode, Indian Cinema mode etc and special viewing mode “See Color” application for better user experience. 900 unit test cases and scenario test cases for the AVOC module.
- Management of a team involved in development, integration and testing of STB products.
- Responsible for all the releases related to drivers, mass production tool image to Third Party and HQ Korea and got the Third Party approvals like NDS Fosh and Linux Kernel Hardening.

Corpus Media labs, Hyderabad

January 2012 - August 2013

Team Lead

- Delivered design and development of hardware abstraction layer on BCM platform to expose the driver APIs.
- Delivered board bring up activity on ST chipset to develop a testing application for the middleware of the DTV cable set top box.
- Delivered on integrating Mediaplayer with SDK to provide support for OTT supported protocols.
- Delivered on development of device drivers for peripherals and its supporting chipset on DTV platform.
- Delivered on design and development of EEPROM drivers using I2C communication protocol, to support persistence data with CORPUS specific algorithm.

Tata Elxsi Limited, Bengaluru

January 2007 - December 2011

Tech Lead

- Delivered on implementation of RF Signal symmetry to represent Signal Strength and Quality on EPG.
- Board bring up activity on LAB1 board such as U boot modification, enabling ethernet, USB, NAND and NOR devices.
- Delivered on development of front panel indicator, keypad and RCMM supported remote control unit as per CDI specification.
- Delivered to grant NDS FOSH tests certificates on platform drivers to validate drivers.
- Integration of Darwin Tool chain to Platform Specific drivers leads to a Full stack image for production.
- Resolving real time issues and coordinating with NDS and S3 driver team for verification and validation.
- Worked on sanity testing of Conditional access driver and XTV sanity testing using harmonizer tool.
- Integration of third party low driver, XTV6 PVR support for the box and integration of third party components - Middleware and EPG.

Echrome EmbeddedServices, Bengaluru

February 2004 - January 2007

Design and Development Engineer

- Delivered design and development of LED display boards using PIC microcontroller both hardware and software.
- Worked on testing and integration of hardware and software for display boards to deliver bug free display boards.

EDUCATION**Bangalore Institute of Technology, Bengaluru***August 1999 - August 2003*

Bachelor of Engineering, Telecommunication Engineering

CGPA: 6.5/10

LINKS

- [linkedin.com/in/sanjeevtiwary/](https://www.linkedin.com/in/sanjeevtiwary/)
- github.com/sanjeevktiary
- leetcode.com/user5428vI/

