

# Spandana Yeeranti

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## Career Objective :

Interested in long term opportunities providing responsibilities to architect, implement the DEVOPS activities in AWS Cloud Computing environment and supporting AWS cloud in enterprise level.

## Professional Overview :

I was trained in Implementing Organization DevOps strategy in various environments of Linux and Windows servers along with adopting cloud strategies based on Amazon Web Services.

- DevOps experience with AWS (OPS Work).
- Knowledge of Linux commands and Shell Scripting. Launching Amazon EC2 Cloud Instances using Amazon Web Services (Linux/Ubuntu/RHEL) and Configuring launched instances with respect to specific applications.
- Knowledge in Amazon AWS Cloud Administration which includes services like: EC2, S3, EBS, VPC, ELB, EFS, RDS, IAM, Route 53, Auto Scaling Groups, Transit Gateway, Security Groups etc.,
- Configured and monitored distributed and multi-platform servers using Ops Work in AWS. Defined AWS stacks, layers and workstation to manage and configure nodes.
- Creation of Clusters for Load Balancing and to provide Failover Environment.
- Knowledge on various Cloud platforms like AWS and AZURE.
- Hands-on experience on using tools like GIT, GitHub, MAVEN, JENKINS and TOMCAT.
- Theoretical Knowledge in using Ansible Environment with Master-Slave method.
- Installed and Managed Jenkins for CI and Sharing Artifacts. Good knowledge in CI (Continuous Integration) and CD (Continuous Deployment) methodologies.
- Extensively worked on Jenkins and by installing, configuring and maintaining for the purpose of continuous integration (CI) and for End to End automation for all build and deployments.
- Knowledge on web servers like Apache and application servers like Tomcat to deploy code.
- Extensive experience with software Build automation and standardization tool Maven.
- Experience in branching, tagging and maintaining the version across the environments working on Software Configuration Management (SCM) tool GIT.
- Excellent communication, documentation and presentation skills, able to explain complex technical structures in an understandable user- friendly format.

## Technical Skills :

- |                                       |   |  |
|---------------------------------------|---|--|
| • <b>Operating Systems</b>            | : | LINUX (Red Hat 4/5/6), Ubuntu, Windows         |
| • <b>Cloud Technologies</b>           | : | AWS (VPC, EC2, S3, ELB, EFS, RDS, IAM)         |
| • <b>Scripting Languages</b>          | : | Shell Scripting, SQL, PL/SQL                   |
| • <b>Configuration Management</b>     | : | Ansible  |
| • <b>Continuous Integration Tools</b> | : | Jenkins  |
| • <b>Web Server Applications</b>      | : | Tomcat   |
| • <b>Version Control Tools</b>        | : | GIT, GitHub                                    |
| • <b>Software / Application</b>       | : | Matlab, MS Word, MS Excel, Outlook, PowerPoint |
| • <b>Programming Languages</b>        | : | C, Core Java, Python(Basics)                   |

## Experience :

I worked as a Freelancer as a sales agent in Teleperformance for Six months and Qconneqt for another Six months a total of One year. I did do sales for Health Insurance and Life Insurance as well. While doing the sales I did learn how to communicate with customers and do sales. I did sales based upon customers needs and requirements. I did sales by making understand the customers the need of a Health and Life Insurance.

## Educational Qualification :

- **Purdue University Hammond, USA, Indiana**  
*Master of Science in **Electrical and Computer Engineering**, GPA : 3.2*
- **CMR College of Engineering and Technology, India, Hyderabad**  
*Bachelor of Technology in **Electronics and Communication Engineering**, Percentage : 74.12%*
- **Sri Chaitanya Junior Kalashala, India, Hyderabad**  
*Intermediate, **Percentage** : 81.5%*
- **Sri Sai Grammar High School, India, Hyderabad**  
*Secondary School Certificate, **Percentage** : 79%*

## **Academic Projects :**

### **Purdue University, Indiana :**

#### ***Project on Street Light Monitoring using Zigbee Communication.***

***Team Size 3***

***Role Team Member***

***Description:***

- Made all the physical connections which contains Arduino UNO, Zigbee module, LDR, Output bulbs.
- Generated a code in the Arduino IDE.
- Embedded the code with the hardware and observed the results.

#### ***Project on Reversible Data hiding in Encrypted images by Reserving Room before Encryption.***

***Team Size 3***

***Role Team Member***

***Description:***

- All the work in this project is done in Matlab.
- Generated a Matlab code for encryption and decryption mechanism.
- Wrote another code for embedding a secret key into the image and also to create a GUI.
- Collected all our codes and compiled it as a single code and the image is successfully decrypted at the receiver's end.

#### ***Project on Face Recognition using Canonical Correlation Analysis.***

***Team Size 3***

***Role Team Member***

***Description:***

- The whole project is done in Matlab.
- Generated a Matlab code to scan a face and extract the features of it.
- Then it is compared to all the features in the data base and it is recognized.
- An error message will appear if an unrecognized face is detected.

### **CMR college of Engineering and Technology, India:**

#### ***Major Project on Built in Self Detection and Correction.***

***Team Size 4***

***Role Team Leader***

***Description:***

- All the work in this project is done in Verilog language by using Xilinx software tool.
- By using Built in Self Detection and Correction method we can detect any error in the code and can correct any single bit error if found in the code.
- By using this code we can correct any single error if detected without using any other detection equipments.

#### ***Mini Project on Remote Control Robot using RF Communication.***

***Team Size 4***

***Role Team Member***

***Description:***

- Designed and created a Remote controlling Robot.
- Communicated and controlled the robot from remote using RF Communication.
- The maximum radius in which the remote can control the robot is up to 1m.
- By using remote we can move the robot in forward, backward, left and right directions.

## **Strengths:**

- Determination, Positive attitude and enthusiastic in team work.
- Hard working and dedication towards work.
- Quick self-learning.

## **Personal Information:**

<b>Father's Name</b>	:	Y. Raja Gopala Chary
<b>Date of Birth</b>	:	14 – Dec-1992
<b>Gender</b>	:	Female
<b>Nationality</b>	:	Indian
<b>Marital status</b>	:	Unmarried
<b>Languages</b>	:	English, Hindi, Telugu, Spanish, Korean