

# Megha Yadav

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## Education

- **B. TECH | 2016 | ABES ENGINEERING COLLEGE, GHAZIABAD**
- Discipline: Electronics and Communication Engineering

## Skills and Abilities

### TECHNICAL

<b>Industries:</b>	Financial Services
<b>Operating System:</b>	Windows, UNIX
<b>Languages:</b>	C, SQL, PL/SQL , Python
<b>Database:</b>	Oracle, MS SQL Server 2000/2005
<b>ETL Tool:</b>	Informatica Power Center 10.1
<b>Tools:</b>	Service now
<b>Application:</b>	Eagle PACE/STAR 13
<b>Job Scheduling Tools:</b>	Autosys
<b>MS Office:</b>	Word, Excel, PowerPoint
<b>DevOps:</b>	GIT, Jenkins, Maven, Docker, Ansible
<b>Cloud Services:</b>	AWS

## Certification

**NCFM Certification (Financial Markets: Beginners Module)**

## Experience

- **Employer:** Publicis Sapient
- **Designation:** DevOps Engineer
- **Duration:** Oct 2016 – Present
- **Responsibilities:**
  1. Working with **GIT, Jenkins, Ansible** Tools to achieve Continuous Integration and CD.
  2. Created **Jenkins Pipelines** to promote the code to higher environments.
  3. Worked on installing and configuring **Jenkins master & slave** nodes as a part of Continuous Integration.
  4. Created **Jenkins** jobs based on the requirements to do the build and deployment of applications.
  5. Maintaining/patching the build/deployment infrastructure, including supporting the application teams by handling on-demand builds and deployments, or creating new projects on the build/deploy infrastructure.
  6. Worked on creation of **Docker** container images, tagging and pushing the images.
  7. Branching, Tagging, Release Activities on Version Control Tool: **GitHub**.
  8. Have done automation on deleting the obsolete branches in **Git** using bash script.
  9. Hands-on knowledge of Configuration Management tool like **Ansible**
  10. Experience in writing **Playbooks** in **Ansible**.

11. Written script in python to parse a url and fetch data from the website.
12. Setup EC2 instances, to install various tools like Jenkins, Docker etc. on AWS cloud.
13. Experience in Eagle PACE Development, Maintenance & Support function Asset management & Capital markets domain.

## Academic Project

**Project: IMPLEMENTATION OF VITERBI DECODER ON PSoC-5 DEVICE AND MATLAB**

**Organization: Defence Electronics Application Laboratory (DRDO)**

**Language implemented:** MATLAB and PSoC Creator Software

**Hardware used:** PSoC development kit

**Description:**

A Viterbi decoder uses the Viterbi algorithm for decoding a bit stream that has been encoded using a code. It consists of three blocks: the branch metric unit (BMU), which computes metrics, the add-compare-select unit(ACSU), which selects the survivor paths for each trellis state, also finds the minimum path metric of the survivor paths and the survivor management unit (SMU), that is responsible for selecting the output based on the minimum path metric. I have designed and simulated a Viterbi Decoder for different constraint lengths using MATLAB and PSoC creator software.

**I hereby declare that the details furnished above are true and correct to the best of my knowledge.**

**GHAZIABAD  
October 2018**

**Megha Yadav**