

## Swapnil Vilas Kathale

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To succeed in an environment of growth and excellence and earn a job which provides me job satisfaction and self-development and help me achieve personal as well as organizational goals.

### TECHNICAL SKILLS:

#### Cloud Technologies:

- AWS

#### System Administration:

- Linux

#### Programming Languages:

- Python
- C Programming (Basic)

#### Database:

- SQL

### COURSES and TRAINING:

- Python At Sathya Technology, Hyderabad
- MATLAB

### ACADEMIC CREDENTIALS:

- **M.Sc.** from Fergusson College, Pune in 2021 with **8.78 CGPA**
- **B.Sc.** from KTHM College, Nashik in 2019 with **77.68%**
- **HSC.** from L.V.H College in Nashik in 2016 with **56.31%**
- **SSC.** from P.B.Kathale High School in 2014 with **81.20%**

### PROFESSIONAL SUMMARY:

- Good at selecting the appropriate AWS service based on data, compute, database, monitoring or security requirements such as Amazon EC2, EBS, Security Groups, S3, IAM, VPC, RDS, Route 53, CloudWatch, CloudFront, Lambda, Load Balancer.
- Designing and deploying scalable, highly available, Secured and fault tolerant systems on AWS. Lift and shift of an existing on-premises application to AWS using Services.
- Good knowledge of Linux operating system and installation of Linux in different modes, upgradation of OS, Kernel and additional packages using YUM, R
- Build and configure a virtual data center in the Amazon Web Service to support Enterprise Data Warehouse hosting including Groups, Public and Private Subnet.
- Knowledge of networking, operating system, system administration and performance monitoring including TCP/IP, Domain Name System (DNS), virtual private networks (VPNs), firewalls and encryption technologies.
- Good Knowledge of Python Programming Language and Hands-on Practice.

### ACADEMIC PROJECT:

#### ➤ ICU Patient Monitoring System Using GSM Technology:

In this project we monitoring the condition of patients they situated in the ICU. We measure the heart rate (pulse rate), body temperature of the patient. If incase any changes happen in the patient body, Immediately message send to the doctor and patient relative using GSM module and immediately action take place.

#### ➤ Automatic Bottle Filling System Using PLC :

In this project, the filling of the bottle is controlled by using a controller known as PLC which is also the heart of the entire system. For the conveyor system, a dc motor has been selected for better performance and ease of operation. A sensor has been used to detect the position of the bottle. In our project we have used less number of system hence the overall cost has been reduced to an extent. Ladder logic has been used for the programming of the PLC, which is the most widely used and accepted language for the programming of the PLC

#### HOBBIES:

- Trekking
- Farming
- Gardening
- Traveling

#### PERSONAL DETAILS:

**Name:** Swapnil Vilas Kathale

**NATIONALITY:** Indian

**DOB:** 09 SEP 1998

**LANGUAGES KNOWS:**

English, Hindi, Marathi

#### DECLARATION:

I hereby declare that all above information given is true to my best knowledge.

Yours Truly,

Swapnil Vilas Kathale.