

# RESUME

**SATHEESH V**

**Coimbatore, Tamil Nadu.**

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## Career Objective:

I would like to utilize my skills effectively in the company that I work for and acquire knowledge and experience with the benefit of the company and my career.

## Professional Experience:

**Company:** Pinnacle Seven Technologies, Coimbatore, India.

**Designation:** Software Engineer

**Experience:**

- **Mar 2022 to Current**
- Worked on Odoo ERP Application Development.
- Worked on E-Learning Project ( Python, Odoo, HTML, CSS, Javascript, JQuery).
- Worked on AWS EC2, S3, Cloudfront
- Cognito ( User Authentication ), Lambda, SNS.
- Worked on Deployment using docker and Kubernetes.

**Company:** DIMA Business Solutions, Coimbatore, India.

**Designation:** Software Developer

**Experience:**

- **September 2020 to Feb 2022**
- Experience in web applications and REST-API using **Python, Django**.
- Automation experience on server and network.
- Experience in databases ( Sqlite , PostgreSQL, MongoDB) .
- Experience in AWS ( EC2, S3) and Docker .
- Experience in Linux and Linux commands.

## Projects:

### **1. E-Learning Website Project :**

- Worked on e-learning project to deliver multiple content and course to the end user.
- Manage user authentication using AWS Cognito.
- Worked on AWS S3 for to store files and AWS Cloudfront for global distribution of the content nearest to the user.
- Experience in AWS EC2 and configuration ( Security Group, ALB, VPC, Subnets, Routing ).

**Technology Used :** Python, Odoo, API, AWS ( EC2 , S3, Lambda, Cloudfront, Cognito, VPC  
RDS-Postgres )

### **2. Webpage content categorization:**

The purpose of this project is to create a machine learning modal to predict the webpage category by using text that present in the webpages. We have multiple categories based on content.

**The tasks involved during the development,**

- Scrape the text data for the each category and Pre-processed the collected data (handling the missing values , encoding the categorical data , standardization , Dimensionality reduction).
- Created models using machine learning algorithm to detect Malware/Phishing web content . (Logistic regression, Decision tree, SVM).

**Technology Used :** API integration ( Flask, Django ), Networking ( config proxy and firewall ), Linux Servers, Celery, Nginx, Gunicorn, Machine Learning ( Scikit-learn, Pandas, Numpy ), Scraping ( scrapy, BeautifulSoup ).

### **3. Django Application With Docker and Jenkins :**

Deploy django based API application on AWS ec2 instance using Jenkins.

**The tasks involved during the development,**

- Created Django API application and docker file .
- Created ubuntu EC2 instance and setup Jenkins server and docker on the same machine. For Setup both Jenkins and docker on same machine. Jenkins check the source repository for code change. If there is any change in source repository , Jenkins automatically pull that source code and build docker image based on that source code and finally run the container from that docker image in the same ec2 instance.

**Technology Used :** Python, Django, Docker, Jenkins, Github.

## **Certifications:**

1) AWS VPC and Networking --- >> [View Certificate](#)

## **Technical Skills:**

**Programming Languages:** Python ,Bash, Javascript

**Databases:** SQLite, PostgreSQL, MongoDB

**Experience in Linux and Linux commands.**

**Experience in Jenkins and Docker.**

**Experience in Automation using Python and bash script.**

**Knowledge and good understanding in networking concepts.**

**Experience in AWS ( EC2 , S3 , API Gateway , Lambda , Cognito, Cloudfront).**

## **Education:**

- Bachelor of Mechanical Engineering From Velalar College of Engineering and Technology, Erode, Tamil Nadu, India.

## **Ref:**

- LinkedIn -- <https://www.linkedin.com/in/satheesh-7777>
- Portfolio -- <https://satheeshcharon.github.io/satheesh/>
- GitHub -- <https://github.com/Satheeshcharon>