A Swathi

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Register Number : 185002109

WORK EXPERIENCE

June 2021 – August 2021

Optum Global (UHG)
Software Engineer Intern
Worked on a Kafka Consumer application to read the Kafka topics and map them to a flat file format using Springboot.

EDUCATION

Expected Graduation in 2022

SSN College of Engineering, Chennai
B. Tech Information Technology – 9.05 CGPA

Graduated in 2018

St. Patrick Matric Hr. Sec. School, Puducherry
Grade XII – 96.58

Graduated in 2016

Achariya Bala Siksha Mandir, Puducherry
Grade X – 10 CGPA

ACADEMIC PROJECTS

Ongoing

Automated Traffic Control System for Ambulance using IOT
- Focused on providing a solution to the delay in ambulance arrival due to traffic signals.
- Aims to provide access to timely medical treatment using an automatic traffic control system.

March 2020

Facial Smile Detection using OpenCV
- Real time detection of faces in webcam using pre-trained classifier available in OpenCV.
- Extended to detect the smile of a person and capture an image automatically every time a smile is detected.

May 2020

Object Detection using SSD
- Detect the objects present in an image or video frame using a pre-trained SSD model.
- Also, display the label along with each image detected.

October 2020

Blog site using EJS, Node and MongoDB
- A responsive fashion blog page designed to receiver blog posts and display them from any user and deployed the app using Heroku.

TECHNICAL SKILLS

Programming

C/C++, Python, SQL, Java

Web Development

Front-end
- HTML, CSS, JavaScript, Bootstrap, AngularJS

Back-end
- NodeJS, Express, EJS, SpringBoot

Database	SQL, MongoDB
Statistical Techniquesg	Basics of Machine Learning, Deep Learning and Computer Vision
Other	Kafka, Kubernetes

LANGUAGES

Fluent	**English**
Native	**Tamil**
Intermediate	**Hindi, French**

CERTIFICATIONS

'Web Design for Everybody: Basics of Web Development and Coding'
Coursera

'Machine Learning A-Z™: Hands-On Python and R in Data Science'
Udemy

'Deep Learning A-Z™: Hands-On Artificial Neural Networks'
Udemy

'Deep Learning and Computer Vision A-Z™: OpenCV, SSD and GANs'
Udemy

WORKSHOPS

Internet of Things
2-day workshop by Lema Labs.

AI and Machine Learning
2-day workshop by WAC.

ACHIEVEMENTS

Participated in the 24th State Level Children's Congress (Science Forum) - 2016 and won a cash prize

POSITIONS OF RESPONSIBILITY

Class Representative
Holding the position for 4 consecutive years and worked to implement better communication between students and the department management.