AYUSH SHUKLA

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EDUCATION

Bachelor of Technology | ***Electrical Engineering*** 2018-2022
Sardar Vallabhbhai National Institute of Technology |CGPA=7.74 Surat, Gujarat, India

Higher Secondary | ***90.25 Percentage*** 2017
S.K.D Academy (ISC Board) Lucknow, Uttar Pradesh, India

High School | ***87.5 Percentage*** 2015
S.K.D Academy (ICSE Board) Lucknow, Uttar Pradesh, India

WORK EXPERIENCE

Deloitte USI - Analyst September 2022 – Currently
Exelon Corporation Bengaluru, Karnataka, India

- Successfully completed a project for client Exelon, which enhanced my knowledge of SQL and OAC.
- Consistently delivered high-quality work within project deadlines and Received positive feedback from clients for delivering valuable insights and recommendations.
- Analyzed reports to filter out specific data and formatted reports for a client, Utilized SQL to manipulate data and perform analysis.
- Contributed to both development and testing of reports.
- Got professionally trained on technologies like Python, Oracle Analytic Cloud, UiPath and SQL.

Summer Internship and Training June 2019 – July 2019
LinuxWorld Informatics Jaipur, Rajasthan, India

- Developed and Pitched a Start-up model 'Solar Share' on behalf of LinuxWorld Informatics, using the technologies learnt during internship.
- The idea behind the start-up was to encourage people to install solar panel at their homes by offering them a business opportunity of monetising the extra electricity produced.
- Had hands-on experience on technologies such as Docker, Kubernetes Cluster, Hadoop Distributed Storage and Internet of Things.

PROJECTS

Line-Follower Robot

- The Line Follower Robot is a basic robot that follows a specific path indicated by a black strip having particular width.
- The robot was made on Arduino Uno and followed the path with the help of Infra-Red(IR) sensors.
- The Arduino uno send the signal to motor driver based on the inputs received from Infra-Red Sensors and as a result robot stays on path.

Voice Controlled LED Lights

- Developed Home Automation Device using ATmega 128 and Python under a technical club of college, Drishti.
- Switching, Intensity and Color of LED Light was operated using Voice Commands and through a mobile application.
- Used Natural Language Processing to recognise the commands and Bluetooth module to communicate.

Face Recognizer, Shape Recognizer and Color Recognizer

- Trained a Machine Learning Model to identify a particular person's face.

- The program identifies the shape and color of an object using Contour approximation. This program can be used as a very helpful AI tool.
- Used Pandas, Numpy and Opencv to build the project.

Electrical Load Forecasting Using Convolutional Neural Network

- The project aims at forecasting the electrical load based on the micro-meteorological data with help of Convolutional Neural network.
- The aim of the project is to build a 3 Layered CNN model to forecast the electrical load based on raw meteorological data and train the model using K-fold technique to get the maximum efficiency.

ACHIEVEMENTS

Certificate on Business Study
Got certification by Cutting Edge Visionaries for being Runner up for doing Business study on - Tesla in Indian Market.

Token of Appreciation by "Yulu" during summer internship
For Presenting "One of the best ideas" on Jazba 1.0 under IIEC community organised at Jaipur, Rajasthan.

Kishore Vaigyanik Protsahan Yojna Scholarship (2017)
Got selected for KVPY Scholarship.

COMMUNITY INVOLVEMENT

National Service Scheme NSS-SVNIT
NSS is a Central Sector Scheme of Government of India, Ministry of Youth Affairs and Sports.

- Experienced Government led community service activities and programs.
- Organized many events for the betterment of society such as Blood Donation Camp, Plastic Cleaning Drive, Tree Plantation and fun activities for Children.

Cutting Edge Visionaries
Cutting Edge Visionaries is a student chapter created to discuss innovative ideas.

- Organized Seminars by specialists on different field such as Finance, Sports, Research and Technology.
- Organized many competition and quizzes for students.

SKILLS

Programming: Python, MATLAB, HTML, Java, SQL, Shell Scripting.
Technologies: Computer Vision, Agile, OBIEE, Machine Learning, Docker, Web Servers, Python Cgi.
Document Creation: MS Word, Excel, Power Point, LaTex.

HOBBIES

- Travelling, Cricket, Puzzle solving, Calligraphy, Origami and Volley Ball