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OBJECTIVE

I seek challenging environment to work in, that invigorates continuous learning and creativity providing exposure to new ideas and instigates personal and professional growth.

EDUCATION

Degree	Institute	Board/University	Year	Performance
B.Tech	Narsee Monjee Institute of Management Studies - MPSTME	SVKM'S NMIMS	April,2019	2.88/4.00
XII	Mangalam Dav Public School - Kota	CBSE	2015	73.60%
X	Mangalam Dav Public School - Kota	CBSE	2013	95% or 10 CGPA

EXPERIENCE

Organization	Project	Description
Infogain (July 2019 - Present)	Hershey's Entertainment and Resort	**Sentiment analysis** • Guest reviews impacts the business, influence people's booking decision and help in developing marketing strategies. Developed ML model to extract emotions from reviews which can help them to improve the customer experience and ratings by analyzing the negative feedbacks.
	Bluestar Projects	**Sales Forecasting** • Forecasting sales of bluestar air conditioners for determining incremental impacts of new initiatives and plan resources in response to expected demand. **Sentiment analysis** • Used ML algorithm for product planning of air conditioners to comprehensively meet market needs. • Used sentiments for the implementation of prompt measures against risks such as social media flaming and recall.

TECHNICAL SKILLS

Domain	Proficient In	Familiar
Machine Learning	Matlab, Python (Framework- Keras, Packages-Pandas, Numpy, Scipy, Scikit-learn)	Pytorch, Tensorflow
Computer Languages	Python, Java Core, Java Advance, SQL, Hibernate, Spring, Spring MVC, JQuery , JUnit , Microservices, Maven, Tomcat	C , C++
Applications	Microsoft office , Matlab,Ie3d,PSpice,Keil Embedded Development, Netsim , Xilinx, Power BI, Qlickview, Oracle, MSSQL	Orcad, DWG Editor
Web designing	REST Web services ,Java Server Pages, Servlets , HTML , XML, JSF	CSS

ACADEMIC PROJECTS IN MACHINE LEARNING

Project Title	Brief Description
Sentiment Analysis	Implementation of sentiment analysis model using Support Vector Machine, Naive Bayes and Linear regression with nltk for preprocessing in order to understand the social sentiment of product or brand.
Street Score	Street Score is a machine learning algorithm that predicts how safe the image of a street looks to a human observer. Used background subtraction for the implementation.

Face Recognition	Algorithms for face recognition typically extract facial features and compare them to a database to find the best match. For recognizing face haar features have been used.
Automated Vehicle Identification System	Keeping the track of vehicles entering the campus through capturing the images of vehicle and using background subtraction to detect the car from the image. Further, using optical character recognition to extract the numbers from the number plate.
RF Transceiver	We have built a simple RF transmitter at 27 mhz. Aim of project is to design the transmitter that should be small enough and fit into the palm of hand and should operate within government regulations for power output and frequency ranges.

INTERNSHIPS

Organization / Institute	Description
Bharat Heavy Electricals Limited	Learned about the construction and working of devices like Switchgears ,Control Relays , HVR(High Voltage Rectifiers) , High Voltage Transformers , Capacitors , PLCs
L.N.M Institute of Information and Technology	Worked on a project titled "Automated Vehicle Recognition System" in the field of Image Processing
Mangalam Cement Limited	Learned about the working of PLC used to control various machines. Studied various instrumental devices like Pyrometer, RTD etc

RESEARCH PAPER

Publication	Topic	Description
International Journal of Innovative Research in Science, Engineering and Technology	A Review paper on Optimization of Microstrip Patch Antenna	MPA are low profile, lightweight, small size, compatible with monolithic microwave integrated circuit (MMIC) designs. In this study the bandwidth and gain of the antenna are optimized by changing parameters like inset cut length, inset cut width, substrate thickness, dielectric constant, strip width, feed line length, z Top surface, meshing frequency. https://www.ijirset.com/upload/2017/november/34_IJ61111619.pdf

TRAINING AND CERTIFICATE

- Certification of Google Analytics for Beginners
- Certification of Advanced Google Analytics
- Certification of Google Analytics for Power User
- Certification of Machine Learning by TATA Steel
- Certification of Basics of Machine Learning by Great Learning
- Certification of Introduction to Artificial Intelligence by TCS
- Certification of Artificial Intelligence Foundations: Machine Learning by Linkedin
- Certification of Deep Learning : Face Recognition by Linkedin
- Certification of Career Edge-Knockdown the Lockdown by TCS
- Certification of IOT Foundations : Fundamentals by Linkedin
- Certification of Power BI Dataflows Esssential Training by Linkedin
- Certification of Power BI Esssential Training by Linkedin
- Infogain Certified Spring Boot Developer
- Infogain Certified Microservices Developer

ACHIEVEMENTS

- Awarded as Best Performer in the team by Manager at Infogain
- Successfully cleared and completed the course "Introduction to Computer Programming" offered by IIT Bombay
- Got merit certificate for securing 10 CGPA in S.S.C
- School topper in National Science Olympiad (NSO) in class 8th and 9th