Resume

Personal Details

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Convenient time to call: Any time after 10.00 am

Educational Details:

Degree	Institute	Board/University	Year	Performance
MTech AI	MPSTME	NMIMS, Mumbai	2021	3.81 CGPA
Certificate in Data Analytics	Shailesh J Mehta School of Management	IIT Bombay	2017	Cleared
PDBA	U21 Global School of Mgmt.	University of Melbourne	2012	3.04 GPA
BSc	Mount Carmel College	Bangalore University	1991	64.6%
XII	Kendriya Vidyalaya, Bangalore	CBSE	1988	64.2%
X	Kendriya Vidyalaya, Devlali	CBSE	1986	73%

Employment Details:

Organization Name	Duration	Roles and Responsibilities	Project Details	Skills
Spottabl, Bangalore	6 months	• Analysing text to finding important information. • Processing information extracted to find similarities between blocks of text.	Spottabl is an HR Tech company that has a platform for providing recruitment services.	Python, NLP, Gensim, Spacy
Datamatics Ltd, Mumbai	1 year (Apr 2007 – Nov 2007)	• Data Analysis using Statistical Techniques and insight generation • Requirement Gathering • Interact with development team	• The team developed various applications for the International Federation of Red Cross and Red	• Oracle – SQL, PL/SQL • Java • Excel

		• Project Reporting	Crescent Societies in Switzerland.	
NCR Corporation Ltd., Mumbai	1 year 1 month (Sep 2006 – Apr 2007)	• Analysis of data using Statistical techniques, Engineering and insight generation • Project Manager – for interacting between the development and client teams.	• NCR was developing an automated cheque clearing system for efficient cheque realizations.	• Oracle – SQL, PL/SQL • C++
Siemens Information Systems Ltd., Delhi	6 years 6 months (Feb 2000 – Aug 2006	• Team Lead • Project Lead • Project Manager	• GSM Post-paid Billing system implementation for Airtel Kolkata • GSM Pre-paid Billing System • Telematics Systems	• Oracle – SQL, PL/SQL • C++ • Java
Tata Infotech Ltd., Delhi	2 years 8 months (May 1996 – Jan 1999)	• Software Analyst • Software Engineer • Team Lead	• PF Accounting and Income Tax • Database design, Systems Analysis and Design for ACTS, New Hampshire	• Oracle – SQL, PL/SQL • C++ • Java •
TGK India Ltd., Delhi	1 year 1 month (Apr 1995 – Apr 1996)	• Requirement Analysis • Development • Testing and • Implementation	• Software Projects	• Oracle SQL/PL/SQL • C++
Ampersand Cons. Pvt. Ltd., Delhi	2 years (Mar 1993 – Apr 1995)	• Requirement Analysis • Development • Testing and Implementation	• Software Projects	• VB • Oracle

Technical Skills in Machine and Deep Learning:

Domain	Proficient in
Machine Learning / Artificial Intelligence	Statistics, Supervised and Unsupervised Learning, Computer Vision, Natural Language Processing, Deep Learning using CNN, RNN, LSTM
Languages	Python, R, C++
Software and IDEs	RStudio, Anaconda, Google Colaboratory, PyCharm
Databases	Oracle, MySQL, PostgresSQL

Libraries	OpenCV, Numpy, Pandas, Matplotlib, Scikit-Learn, TensorFlow, Keras, PyTorch, CUDA

Key Projects Machine and Deep Learning:

Project Title	Libraries Used	Brief Description
Pulmonary Disease Detection using Deep Learning	Python, PyTorch	Detection of patches of pulmonary infection using chest x-rays.
Early Detection of Parkinson's Using Computer Vision	Python, OpenCV, Scikit-learn	Developed a Machine Learning system using OpenCV and Scikit-learn to identify presence of absence of Parkinson's disease using handwriting tracing.
Image Segmentation, Semantic Segmentation	Python, PyTorch	Detection of instances or presence of objects in images using various algorithms using Mask RCNN.
Identification of License plates	Python, OpenCV, PyTesseract	Identification of license number from a license plate on vehicles using Python, OpenCV and PyTesseract.
Image Classification of Covid-19	Python, TensorFlow, Keras	Classification of images of lung x-rays for presence or absence of infection due to Covid-19 virus.
Object Detection in Images	Python, PyTorch	Detection of various objects in images using various deep learning algorithms like YOLO, RCNN, Detectron2.
Classification of Spam emails	Python, NLP	Classification of spam/non-spam emails using NLP.

Publications:

Paper Title	Published In
Early Detection of Parkinson's Using Computer Vision	Springer Advances in Intelligent Systems and Computing (AISC)