SACHIN SAXENA

SR SOFTWARE ENGINEER - DATA SCIENTIST

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CAREER SUMMARY

- **JUN. 2023 - PRESENT**
TELEPERFORMANCE PVT LTD
Sr Software Engineer - BI Developer

- **OCT. 2022 - JUN. 2023**
GAVS TECHNOLOGIES PVT. LTD.
Sr Software Engineer - Data Scientist

- **JAN. 2023 - PRESENT**
UPGRAD EDUTECH - BANGALORE
Subject Matter Expert - DS/ML

- **JUN. 2022 – OCT. 2022**
ABES ENGINEERING COLLEGE. GR. NOIDA
Assistant Professor

- **MAR. 2022 – MAY. 2022**
EDUNOCK, BANGLORE
Data Science and Machine Learning Mentor

- **FEB. 2022 – MAR. 2022**
VAJRE INDIA TECHNOLOGIES PVT. LTD. NOIDA
Machine Learning Intern

- **AUG. 2021 – NOV. 2021**
CODINGAL, BANGLORE
Sr Coding Instructor

TECHNICAL SKILLS

- AWS Cloud for various applications and web hosting at S3.
- Advance SQL: Analytical functions, Writing efficient queries, Nested and Repeated Data, CTE.
- Power BI: Northwest data analysis is gaining traction as an important tool for businesses.
- Microsoft's Power BI is one of the most popular software solutions used to perform social network analysis.
- Tableau: Create dashboards, visualizations, and stories with Tableau.
- Python: Data Science and Machine Learning algorithms.

SKILLS

Python

Advance SQL

Machine Learning

Data Science

Power BI and Tableau

AWS and Microsoft Azure

ABOUT ME

13+ years Data Science and Machine Larning experience. Particularly adept with Statistics, deep learning and computer vision applications in both educational and commercial settings. Seeking a position in an environment which emphasizes teamwork and encourages learning by doing. Official AWS Cloud mentor with experience in Deep Learning using Medical Bio images, a Senior Coding Instructor, and Python Tutor at various institutes.

ED-TECH EXPERIENCE

Codingal Bangluru	July 2020-March 2021
Edunock Bangaluru	Feb 2021- Aug 2023
Upgrade	Jun 2022- Aug 2022
Techlang	Mar 2022- July 2023
Edu4Sure Corporate Training	July 2022- Aug 2022
ZebLearn	Sep 2022- July 2023
Coding Sqaure	Aug 2023- current

PROJECTS

- **Advance SQL queries using Microsoft Azure :** Cloud-based analysis for process data using advanced SQL query, running CTE, union, sub-query, rank, and dense rank for structured data.

- **Power BI analysis using Microsoft Azure:** Design and development of dataset visualization for customers, sales, and managers' data using advanced SQL processing, the platform used is Power BI, Microsoft's most buzzing instrument for business data analysis.

- **Abdominal MRI Images consisting cyst, stone, tumor and other Renal Diseases:** https://www.scidb.cn/en/s/MjYRBr The dataset was gathered from two hospitals, first, the Shri Ram Murti Smark Institute of Medical Sciences (SRMS IMS), and second the Bareilly MRI & CT Scan Centre, both located in the city of Bareilly in the state of Uttar Pradesh of India.

- **Data Set collection for prediction and modeling:** https://github.com/sachin365123/CSV-files-for-Data-Science-and-Machine-Learning Repository of different Data sets for Machine Learning and Data Science Algorithms.

- **Implementation of seven Deep Learning Algorithms on biomedical images** https://github.com/sachin365123/SevenDeepLearningAlgorithms These algorithms are Model 1: EfficientNetB0, Model 2: Xception, Model 3: VGG16, Model 4: ResNet50, Model 5: MobileNet, Model 6: InceptionV3, Model 7: DenseNet121. Here, I have chosen four classes namely Syst, Tumor, Stone, and no tumor.

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EDUCATION

- **2019-2024**
  INVERTIS UNIVERSITY BAREILLY
  Doctor of Philosophy (P)
- **2009-2011**
  DIT UNIVERSITY DEHRADUN
  Master of Technology
- **2004-2008**
  ICFAI UNIVERSITY DEHRADUN
  Bachelor of Technology

AWARDS & ACHIEVEMENTS

- Professional Member of IEEE, USA
- Qualified Army Public School All India Entrance Exam 2016
- Center Observer for end semester examination session 2017-18
- Professional Member of CSI (Computer Society of India)
- Appreciation Letter from IIT Bombay

OTHER RESPONSBILTIES

- Official AWS Cloud mentor with experience in Deep Learning using Medical Bio images, a Senior Coding Instructor, and Python
- Tutor at various institutes. I have collected MRI, and CT scan images from local Medical centers in order to diagnose diabetes and
- nephrology issues in various people post COVID. The time duration of the Data set is mostly in 2022 available in Dicom format

ACHIEVEMENTS

- Professional Member of IEEE, USA (Member Number : 93341579) since 2015.
- Qualified Army Public School All India Entrance Exam 2016.
- Center Observer for end semester examination session 2017-18 appointed by Hon'ble Vice-Chancellor, Dr. A.P.J. Abdul Kalam Technical University Uttar Pradesh, Lucknow at Sri Rammurti Smarak College of Engineering , Technology & Research, Bareilly.
- Professional Member of CSI (Computer Society of India), India since 2015. Appreciation Letter from IIT Bombay in Contribution to Spoken Tutorial Project-IIT Bombay on 14th March, 2018.

EXPERTIES

- **Public Speaking**
- **Teamwork**
- **Team Leadership**
- **Online Marketing**
- **Adaptable**
- **Innovative**

Address:

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