

# SACHIN SAXENA

M.Tech., Ph.D.

SR SOFTWARE ENGINEER - DATA SCIENTIST



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<https://www.linkedin.com/in/sachin-saxena-graphic-designer/>

## PROFESSIONAL EXPERIENCE

- 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

- Azure Cloud expert with a focus on applications and image processing specializing in Azure.
- Advanced in SQL with analytical functions, efficient queries, and expertise in handling nested and repeated data, including CTE.
- Power BI adept for northwest data and social network analysis.
- Skilled in Tableau for creating impactful dashboards, visualizations, and data stories.
- Proficient in Python for implementing Data Science and Machine Learning algorithms.
- Track record of contributing to effective data-driven decision-making.

## SKILLS

Python

Advance SQL

Machine Learning

Data Science

Power BI

AWS and Microsoft Azure

## ABOUT ME

Over 13 years of extensive experience in Data Science and Machine Learning, with a focus on Statistics, deep learning, and computer vision applications. Proven expertise in both educational and commercial settings. Seeking a challenging position in a collaborative environment that values teamwork and promotes hands-on learning. Official AWS Cloud mentor with a track record in Deep Learning applied to Medical Bio images. Experienced Senior Coding Instructor and Python Tutor at various institutes. Successfully contributed to an Azure-based project in artificial intelligence and image processing.

## 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

- Data Cleansing, EDA, and Machine Learning with Azure Integration:** Cloud-Cleanse data by eliminating duplicates, addressing missing values, and ensuring uniform data formatting. Conduct preliminary exploratory data analysis (EDA) with Azure Data Factory for insights. Compute summary statistics and partake in machine learning on the Azure platform. Apply the Azure AI portfolio to develop large-scale intelligent applications at an enterprise level.
- Abdominal MRI Images consisting of 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 Smarak 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.
- 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.
- 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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## DATA SCIENTIST AND MACHINE LEARNING ENGINEER



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## 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

## EDUCATION

- 2019-2024

### Doctor of Philosophy

INVERTIS UNIVERSITY BAREILLY

- 2009-2011

### Master of Technology

DIT UNIVERSITY DEHRADUN

- 2004-2008

### Bachelor of Technology

ICFAI UNIVERSITY DEHRADUN

## 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

## VOULNTEER WORK

- 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

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