# DEBOMITA SADHU

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KOLKATA, INDIA ◉

I am an Assistant Professor, leveraging my strong educational background, combined with practical experience in software engineering, private tuitions, and a diverse skill set in programming, web development, testing, data analysis and AI/ML. Possessing exceptional soft skills to create a positive and engaging learning environment.

## Education

**MCA (Master of Computer Applications):**
Techno India University, West Bengal, 2020-2022
CGPA: 9.2

**BCA (Bachelor of Computer Applications):**
Techno India Salt Lake, West Bengal, 2017-2020
CGPA:9.8

**ISC, CLASS 12**
Calcutta Public School, 2017
Percentage: 72%

**ICSE, CLASS 10**
Calcutta Public School, 2015
Percentage: 86%

## Work Experience

**Assistant Professor-**
### B.P. Poddar Institute of Management and Technology (October 2024 to PRESENT):
Deliver engaging lectures and practical sessions in computer science and engineering subjects. Guide students in developing projects, fostering innovation and critical thinking. Participate in curriculum development and the organization of academic and co-curricular events. Collaborate with colleagues to host engineering and management events such as robotics competitions, coding challenges, workshops, and time-management games.

**Software Engineer -**
### Academia Xperts (January 2023 to October 2023):
Full Stack Developer. Developed robust backend solutions using SQL, Python, and the Django framework. Designed and implemented responsive front-end interfaces using HTML, CSS, JavaScript, ReactJS, and Bootstrap. Collaborated closely with UI/UX designers to ensure seamless user experiences. Contributed to the creation and maintenance of multiple web applications. Actively participated in code reviews, debugging, and troubleshooting to maintain code quality.

**Private Tutor -**
### Computer Tuitions to students till class 12 (2017-PRESENT)
Conducted private tuitions in Computer Science for seven years, fostering a deep understanding of the subject among students. Customized teaching methods to cater to individual learning styles, resulting in improved academic performance. Provided guidance on programming languages, algorithms, and problem-solving techniques. Cultivated a passion for computer science, inspiring students to excel academically. Developed strong communication and interpersonal skills through continuous interaction with students and parents.

## Areas Of Interests

- PROGRAMMING
- AI/ML
- DBMS/SQL
- CRYPTOGRAPHY

## Skills

SOFT SKILLS

COMMUNICATION SKILLS

LEADERSHIP SKILLS

## Achievements

- **Facebook AI Bot Creation Workshop Certificate** conducted by IIT Hyderabad.
- **Data Science with Python Training Certificate** by Microsoft Imagine Academy conducted by National Institue for Industrial Training.
- **Web Development Training Certificate** conducted by Internshala Trainings.

## Projects

- Minor Project on University Admission Management System using Java.
- Major Project on COVID-19 Vaccination Analysis using Data Science with Python.
- CRUD Operations - Employee Management System using Java.
- Employee Web Portal Full Stack Development using HTML, CSS, JavaScript, Bootstrap, ReactJs, Python, Django Framework, MongoDB, MySQL.
- Developed a comprehensive Automation Testing framework for Salesforce applications using Katalon Studio and Java.

## References

### PROF. DR. ANIL BIKASH CHOUDHURY

TECHNO INDIA UNIVERSITY, HOD
COMPUTER APPLICATIONS

**Phone:** 9432487011

### PROF. ISHAN GHOSH

TECHNO INDIA UNIVERSITY,
ACADEMIC COORDINATOR

**Phone:** 9836086247

### PROF. TAPAS KUMAR MITRA

TECHNO INDIA UNIVERSITY,
ASSISTANT PROFESSOR

**Phone:** 9748758446

## Expertise

- **Programming Languages:** Python, Java, C, C++, R
- **Web Development:** Django, HTML, CSS, JavaScript, Bootstrap, ReactJS
- **Database Management:** MySQL
- **Testing Tools:** Katalon Studio
- **Data Analysis:** Pandas, Matplotlib (Python), Power BI, Tableau
- **Version Control:** Git
- **Stack:** Front-end, Back-end, Full Stack

## Signature

Debomita Sadhu