

Shatakshi Saxena

Lucknow, UP, India. 226023

| shatakshi3102@gmail.com | 9305707432 |

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EDUCATION

- **Thapar Institute of Engineering and Technology, India** July 2025
BE Computer Science and Engineering
CGPA: 8.50
- **City Montessori School, Lucknow, Uttar Pradesh, India** July 2021
12th Standard (Higher Secondary School)
Percentage: 99.5%
- **City Montessori School, Lucknow, Uttar Pradesh, India** June 2019
10th Standard (High School)
Percentage: 96.6%

TECHNICAL SKILLS

Programming Languages : C, C++, Java, Python, MATLAB
Library/Frameworks : Numpy, Pandas, Flutter, Bootstrap, jQuery
Tools/Platforms : VS Code, Android Studio, AutoCad, Git, Github
Databases : SQL
Development: HTML, CSS, JavaScript
Designing: Adobe Photoshop, Figma, Canva
Others : DSA, OS (Windows, Linux), Web Scraping, Blockchain (Basics), AI

EXPERIENCE

- **Accenture Data Analytics and Visualization Virtual Experience Intern** Jan 2023
- **HyperEdge** | Mentee at Winter of Blockchain Jan 2023 – Present
- **JPMorgan Chase Software Engineering Virtual Experience** Jan 2023
- **Oasis Infobyte** | Web Dev Intern Jan 2023 – Present
- **Oasis Infobyte** | Data Science Intern Jan 2023 – Present
- **Goldman Sachs Fin Tech Virtual Engineering Intern** Dec 2022 – Jan 2023
- **NCC** | Cadet Nov 2022 - Present
- **Mechatronics and Robotics Society** | Member Nov 2022 - Present
- **IIITH** | Attendant of Summer School of AI July 2022 - August 2022
- **UNICompiler** | Web Dev Intern July 2022 - August 2022
- **UNICompiler** | Python Intern July 2022 - August 2022
- **IETE Students' Forum, TIET** | Mentor Jan 2022 - Present
- **ISTE Thapar Chapter** | Core Member Jan 2022 - Present
- **iGEM.TIET** | Member December 2021 - Present
- **Team Oorja** | Member December 2021 - Present
- **Kshitij, IIT Kharagpur** | Campus Ambassador November 2021 - May 2022
- **SJMSOM, IIT Bombay** | Campus Ambassador October 2021 - November 2021
- **Mindler** | Student Intern October 2020 - November 2020

PROJECTS

- **AIM:** An ALL IN ONE MEDICALCARE website integrated with Artificial Intelligence (AI) which can revolutionize health-tech for the better.
- **Update AI:** This project, currently in progress, is made for the Microsoft Imagine Cup. It is an AI suite integrated with web development, with an aim to make education interactive and modern. To achieve it we

have created and implemented complex AI models that can help a student with English Essay writing to Computer Science programming problems. It comprises of various AI models like Content Generator, Image Generator and Code Generator Model.

- **Autonomous Electric Jeep Project:** This project (under Team Oorja) deals with self-driving cars which are powered by electricity and use sensors and computer vision. The project is in progress which aims for human safety, improved mobility, less vehicle emissions etc hereby bringing a revolutionary change in human lifestyle.
- **Project Sakhi:** Menstrual sanitation faces barriers of social, economic and cultural factors. To overrule this stigma, Project Sakhi is initiated. It's basically a website which aims to aid the menstruating population.
- **Robotic Arm Project:** A robotic arm that can pick items from someplace and put it in another place was built. A painting robot was also built. The robotic movements were controlled and coded through Arduino.
- **VERITAS Digital Design Logbook:** The entire project has been executed online following the 'Engineering Design Process'. I am working for the further development of the digital logbook. It is intended to develop the digital logbook, specifically for the stakeholders in BE Capstone Projects, Project Semester, Project-based courses, and student teams for competitions.
- **ScholarVerse:** A robust online portal, giving insights of courses offered by National and International Institutions, along with Scholarships and Grants based on merit, income etc. ScholarVerse is a national/international scholarships web portal
- **Other Projects:**
Web Dev: Password Generator, Running Game, Tic-Tac-Toe, Spotify Clone
Python : YouTube Video Downloader, Number Guessing Game
MATLAB : Face Detection, Face Recognition, Hand Gesture
Web Scraping : Amazon Data Web Scraping using Python with BeautifulSoup library

CERTIFICATIONS

- Simplified Approach to DBMS - Udemy
- Google Analytics for Beginners - Google.
- Supervised Machine Learning: Regression and Classification - Coursera.
- AI for Everyone - DeepLearning.AI
- Introduction to Creative AI - University of the Arts London.
- Digital Skills: Artificial Intelligence - Accenture.
- Introduction to Conversational Interfaces - University of the Arts London.
- Introduction to Physical Computing - Lancaster University.
- Introduction to C++ - Coding Ninja.
- Programming Foundations with JavaScript, HTML and CSS - Duke University.
- Programming Fundamentals - Duke University.
- Computer Programming for Everyone - University of Leeds.
- Introduction to Virtual, Augmented and Mixed Reality - Lancaster University.

ACHIEVEMENTS

- National Finalist in Get Set Innovate conducted during Avenues 2021, The Annual Business of IIT-Bombay.
- State topper in International Olympiad of Science by Silver Zone Olympiad.
- Third state rank in International Olympiad Mathematics by Silver Zone Olympiad.
- Secured international rank 259 in National Science Olympiad and was also awarded a Medal of Distinction for Performance Excellence of the zonal level.
- Awarded as 'The Most Disciplined Girl' in school.