

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY, BHOPAL

May 2020 – Expected 2024

B.Tech in CSE specialization in Artificial Intelligence and Machine Learning- 8.38(6th Semester)

LUCKNOW PUBLIC SCHOOL

Jun 2020

Class XII, CBSE – 85%

LUCKNOW PUBLIC SCHOOL

Jun 2018

Class X, CBSE – 90%

Technical Skills

- Language: C++, Python, SQL, MATLAB
- Modules: Numpy, Tkinter, Dash, Matplotlib, OpenCV, Git
- Skills: Machine Learning, Deep Learning, Data Visualization, Git
- Certifications: Microsoft Azure Fundamentals; Microsoft Azure Data Fundamentals; Microsoft Security, Compliance, and Identity Fundamentals; Applied ML in Python; NASSCOM: Fundamentals of Data Analytics; Board Infinity: Data Science for Beginners

INTERNSHIP EXPERIENCE

1. The Sparks Foundation

Nov 2022 – Dec 2022

Data Analytics Intern

- Analyzed and executed diverse data projects, honing practical expertise in specific domains through the analysis of 7 projects.
- As an intern, successfully mastered tasks involving 4 key skills: data analysis, supervised and unsupervised machine learning, and exploratory data analysis (EDA)
- Demonstrated versatility and proficiency in handling complex data-driven challenges, contributing significantly to 7 project success and team outcomes with at most 95% accuracy

2. Teachnook

Sep 2022 – Oct 2022

Artificial Intelligence Intern

- Received comprehensive training and hands-on experience in Python and artificial intelligence, fostering proficiency in both areas
- Accomplished successful delivery of two projects, a major and a minor one, during a challenging 3-month internship period, showcasing robust project management and technical skills
- Proved to be an adaptive individual, swiftly embracing new technologies and contributing significantly to 3 project accomplishments

PROJECTS

Python Development: The Blue Badge (<https://github.com/mohdmohsin0403/The-Blue-Badge>)

Jan 2023 – May 2023

- Empower the visually impaired with our cutting-edge app for seamless, accurate navigation. With an impressive 95% model accuracy, independence has never been more accessible
- Trained, tested, and seamlessly integrated machine learning models to drive project success and deliver data-driven insights
- Pioneered a transformative project enabling approximately 40 million individuals to achieve independent mobility, positively impacting lives through innovative assistive technologies

Python Development: Symbiote (<https://github.com/mohdmohsin0403/Symbiote>)

Feb 2022 – Apr 2022

- Cutting-edge SSD-based object detection tool revolutionizes computer vision, enabling active semantic object detection in images and videos; worked upon 10,000+ images for versatility and theft detection
- Utilized SSD, OpenCV, Tkinter, and Pandas to streamline object detection, UI, and data management, reducing workload by 40-50%
- Achieved significant workload reduction (40-50%) for seamless object detection and data handling

Data Scientist: Exchequer Dashboard (<https://github.com/mohdmohsin0403/Financial-Dashboard>)

Jan 2023 – Feb 2023

- Spearheaded implementation of a business intelligence tool enabling teams to visualize, track, and report financial KPIs efficiently by 100%
- Pioneered an innovative feature to instantly view net income trends with company ticker input, reducing paperwork by 80%
- Empowered stakeholders with real-time insights, optimizing decision-making processes and driving financial efficiency within the project

Co-Curricular

- Attained LeetCode Rank 173,870 and Contest Rating 1,382, excelling with 300+ questions solved
- Excelled in coding with 5-star ratings in Python and C++ on HackerRank, along with a commendable 3-star achievement in SQL

Achievements

- Actively participated in the National Science Exhibition by CBSE, demonstrating scientific acumen
- Published book "Who Am I?" under Notion Press (Dec 2020), displaying literary prowess
- Collaborated with 25 co-authors to compile anthology "The Intimacy in our Relish" under Pixie and Pexels (Aug 2022), highlighting writing and teamwork skills

Responsibilities

- Led Content Team at Codecademy (Dec 2021 – Jun 2023) and Member (Sep 2020 - Nov 2021), driving impactful contributions
- Took on the roles of Treasurer and Head of Documentation (Apr 2022 – Jun 2023) and served as a Project Team Member (Feb 2021 – Apr 2022) at SEDS Nebula; by strong organizational and project supervisory skills while contributing significantly to the CANSAT project

Hobbies

- Proficient in writing poems, showcasing creative expression and language skills
- Exhibiting proficiency in culinary arts, avid reading, and creative sketching, showcasing a wide range of interests and hobbies

Languages: Hindi, English, Urdu