Sandesh Toshniwal

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Location: Mumbai, Maharashtra.

EDUCATIONAL QUALIFICATIONS

COURSE	STREAM	INSTITUTE	BOARD/UNIVERSITY	DATE OF PASSING	PERCENTAGE
B.E	Electronics and Telecommunication	Atharva College Of Engineering, Mumbai	Mumbai University	2023	8.6 (CGPA)
H.S.C.	-	Pace Junior College, Mumbai	Maharashtra State Board of Secondary and Higher Secondary Education	2019	70.46%
S.S.C	-	Don Bosco High School, Mumbai	Maharashtra State Board of Secondary and Higher Secondary Education	2017	79.60%

SKILL SET

1. **Languages:** Python, SQL
2. **Data Visualization:** Seaborn, Matplotlib
3. **Algorithms:** Linear and Logistic Regression, Random Forests, KNN, SVM
4. **Frameworks / APIs:** Scikit-Learn, Pandas, Numpy
5. **Web Development:** HTML5, CSS3, JavaScript
6. **Miscellaneous:** WordPress, Power BI, MS Office

ACADEMIC PROJECTS

1. **Portable ECG Monitoring System with Oximeter based on Deep Learning (B.E Project)**
   Duration: June 2022 – May 2023
   Description: Developed a low cost portable ECG monitoring device that includes an oximeter and analyses data using deep learning methods.
   It also generates heart rate and blood oxygen levels and has shown to be highly accurate in identifying cardiac problems.

2. **Smart Dustbin**
   Duration: January 2021 – June 2021
   Description: Built a highly innovative garbage bin, boasting an ultrasonic sensor that flawlessly detects and reacts to the human hand in its close vicinity, facilitating the seamless opening of the bin's lid.

3. **Motion Detector**
   Duration: June 2021 – December 2021
   Description: Built a security system by integrating a Passive Infrared Sensor with a Texas Instruments MSP430 microcontroller, resulting in the development of a Motion Detection alarm system.

INTERNSHIPS

1. **Nuvama Wealth Management**

   Duration: August 2023 – October 2023

   Role: Data Science Intern

   Description: Contributing to a finance-related project, I'm actively learning data science, focusing on data analysis, modeling, and Python programming. My work supports the team in delivering data-driven financial insights.

2. **Cyber Forensic and Investigation**

   Duration: August 2021 – September 2021

   Role: WordPress Developer Intern

3. **ZigZag Productions**

   Duration: September 2021 – October 2021

   Role: WordPress Developer Intern

   Description: Assisted in the development of WordPress websites and conducted research on WordPress plugins and themes. Worked with the team, implemented design and contributed to the successful delivery of WordPress projects. Through this experience, gained proficiency in WordPress CMS, as well as knowledge in HTML, CSS, and PHP.

CO-CURRICULAR

1. Certified in Python Programming Course – Udemy.
2. Certified in JavaScript – Udemy.
3. SQL (BASIC) – HackerRank.