

## Snehil Ronak Shah

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### EDUCATION

<b>University of Mumbai (MU)</b> <i>Bachelors in Computer Engineering with honours in Artificial Intelligence &amp; Machine Learning</i>	<b>2024</b> CGPA: 9.12
<b>New Era High School (CBSE)</b> <i>Physics, Chemistry, Mathematics, Computer Science</i>	<b>2020</b> 78.60%

### LEADERSHIP EXPERIENCES

<b>Research Cell  </b> Projects Team Leader	<b>Present</b>
<ul style="list-style-type: none"><li>Directed a 16-member team, delivered 6 projects, meeting objectives, ensuring client satisfaction and deadlines.</li></ul>	
<b>Computer Society of India  </b> Website Team	<b>2022 – 2023</b>
<ul style="list-style-type: none"><li>Developed website for CSI, to remodel event registrations, payments and enhance overall productivity.</li></ul>	

### WORK EXPERIENCES

<b><u>Second Source</u></b> <i>Python Developer Intern</i>	<b>Aug 2022 – Sep 2022</b> <i>Python, MySQL</i>
<ul style="list-style-type: none"><li>Worked on stock market technical analysis using python and its libraries like <b>numpy, pandas, matplotlib, mplfinance, plotly.go</b>, etc.</li><li>Designed algorithms for finding the <b>Demand zone, Supply zone</b> and plotting the <b>candlestick</b> data.</li><li>Fetched data from <b>yfinance</b>, loaded into the data-frames after data cleaning, processed the data-frames to find <b>explosive, leg in and leg out candles</b> and also to find the <b>net profit and loss</b>.</li></ul>	
<b><u>Indian Development Foundation: Balgurukul</u></b> <i>Software Development Intern</i>	<b>Dec 2022 - Mar 2023</b> <i>NextJS, Tailwind, MySQL</i>
<ul style="list-style-type: none"><li>Deployed a <b>streamlined</b> student data portal for <b>300+ Balgurukuls</b>, enhancing <b>efficiency</b> and <b>accuracy</b>.</li><li>Successfully transformed the existing data management process into an <b>automated</b> and <b>efficient solution</b>.</li><li>Introduced a centralized portal for <b>data collection and organization</b>, improving <b>data accessibility</b> and <b>accuracy</b> for the organization.</li></ul>	
<b><u>Hyperspectral Image Classification using Few Shot learning</u></b> <i>Research Intern</i>	<b>Jun 2023 – Present</b> <i>Python, TensorFlow</i>
<ul style="list-style-type: none"><li>Successfully validated the improved performance of the proposed framework through experimental investigations on benchmark Hyper Spectral Images datasets.</li><li>Currently validating framework by testing other 2 HSI datasets, integrating new filter for enhanced HSI classification.</li></ul>	

### PROJECTS

<b><u>Jain Jagruti Centre</u>  </b> HTML, CSS, JavaScript	<b>Feb 2022 – May 2022</b>
<ul style="list-style-type: none"><li>Built website for community to showcase organised programs and upcoming events</li></ul>	
<b><u>Plan-It</u>  </b> NextJS, Tailwind, MongoDB   <i>Under Copyright</i>	<b>Sep 2022 – Apr 2023</b>
<ul style="list-style-type: none"><li>Built an efficient scheduler that synchronizes tasks with various other applications, providing a centralized platform for managing both day-to-day personal and long-term collaborative projects.</li></ul>	
<b><u>Surface Modification Technologies</u>  </b> Python, OpenCV	<b>Dec 2022 – Mar 2023</b>
<ul style="list-style-type: none"><li>Devised a system to compute Minimum and Maximum Diameter for Drill Bits with more than 90% accuracy.</li></ul>	
<b><u>Agenda Builder</u>  </b> NextJS, MongoDB, Tailwind	<b>Jan 2023 - Present</b>
<ul style="list-style-type: none"><li>Designed and developed an event planning application facilitating collaborative scheduling across multiple users, featuring intuitive drag-and-drop functionality for scheduling tasks.</li></ul>	

### SKILLS & INTERESTS

<b>Languages:</b> Python, React, JavaScript, C, Java, SQL	<b>Domains:</b> Web Dev, Computer Vision, Artificial Intelligence
<b>Hobbies:</b> Blogging, Badminton	<b>Management:</b> Team Building, Leadership, Public Speaking

### CERTIFICATIONS

<u>Silver Elite Certificate in Java - NPTEL IIT Kharagpur</u>	<u>Accomplishment in Hash Code – Hash Code 2022</u>
<u>App Inventor – Google Code to Learn</u>	<u>Python Specialization – University of Michigan</u>
<u>Selfless Community Service – New Era Family</u>	<u>Artificial Intelligence - Accenture</u>

I hereby confirm that the information provided above is correct as per the best of my knowledge as of 31 Jul, 2023