

## Snehil Ronak Shah

Software Developer Engineer | [snehilshah27@gmail.com](mailto:snehilshah27@gmail.com) | [+91 8169558980](tel:+918169558980) | Vashi, Navi Mumbai

### 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: 8.90
<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>N7.io</u></b> <i>Associate Engineer (Received Rising Star award for good performance)</i>	<b>Jul 2024 – Current</b> <i>Internet, CDN, DevOps</i>
<ul style="list-style-type: none"><li>Developed and maintained scalable <b>Golang microservices</b> for CDN product infrastructure, implementing <b>GRPC</b> framework protocols that reduced inter-service communication latency.</li><li>Engineered comprehensive <b>Kubernetes</b> monitoring solutions using <b>Prometheus</b> and <b>Grafana</b>, resulting in 99.9% pod uptime and proactively addressing resource allocation issues before affecting production environments.</li><li>Architected browser automation solutions with <b>Playwright</b>, <b>Puppeteer</b>, and <b>ChromeDP</b> (Golang), enabling automated content rendering and data extraction capabilities that processed over 50,000 requests daily.</li><li>Maintained and enhanced the CDN dashboard for live clients, delivering end to end features to support real-time metrics at scale and improve user experience.</li></ul>	
<b><u>Indian Development Foundation: Balgurukul</u></b> <i>(Internship)</i>	<b>Dec 2022 - Mar 2023</b> <i>NextJS, Tailwind, MySQL</i>
<i>Software Development Intern</i> <ul style="list-style-type: none"><li>Deployed a streamlined 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>Second Source</u></b> <i>(Internship)</i>	<b>Aug 2022 – Sep 2022</b> <i>Python, MySQL</i>
<i>Python Developer Intern</i> <ul style="list-style-type: none"><li>Applied Python data science libraries (numpy, pandas, matplotlib) to develop stock market <b>technical analysis algorithms</b> identifying demand and supply zones.</li><li>Processed financial data from <b>yfinance</b> to identify trading patterns and calculate <b>performance metrics</b>.</li><li>Conducted testing across multiple datasets to validate algorithm accuracy and reliability.</li></ul>	

### PROJECTS

<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>Hyperspectral Image Classification using Few Shot learning</u></b> <i>(Major Project)</i>	<b>Jun 2023 – Mar 2024</b>
<i>Research Intern</i>	<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></ul>	

### SKILLS & INTERESTS

<b>Languages:</b> Golang, JavaScript, Java, Rust	<b>Domains:</b> Web, Micro Services, CDN
<b>Hobbies:</b> Blogging, Badminton	<b>Management:</b> Team Building, Leadership, Public Speaking

### CERTIFICATIONS

<u>Silver Elite Certificate in Java</u> - NPTEL IIT Kharagpur	<u>Accomplishment in Hash Code</u> – Hash Code 2022
<u>App Inventor</u> – Google Code to Learn	<u>Selfless Community Service</u> – New Era Family

I hereby confirm that the information provided above is correct as per the best of my knowledge as of 30 Jan, 2026