

# Hariket Sukesh Kumar Sheth

+91 70123 35112 | shethhariket@gmail.com | hariketsheth.vercel.app

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## EDUCATION

<b>Vellore Institute of Technology, Chennai</b> <i>B.Tech - Computer Science and Engineering, 9.87/10 CGPA, Rank 1</i>	Sep 2020 – Jul 2024 <i>Chennai, IND</i>
<b>PACE Junior Science College, Thane [Class XII]</b> <i>PCM with Computer Science, Higher Secondary, 90.77%</i>	Apr 2018 – Mar 2020 <i>Mumbai, IND</i>
<b>DAV Sr. Sec. Public School, Panchkula [Class X]</b> <i>Class X, Senior Secondary, 97.60%</i>	Apr 2012 – Mar 2018 <i>Haryana, IND</i>

## SKILLS

**Programming Languages:** Python, C/C++, Java, JavaScript, HTML/CSS, R, PHP, TypeScript  
**Frameworks:** ReactJS, Express.js, Node JS, Django, Flask, JQuery, AJAX, OpenCV  
**Developer Tools:** Git, GitHub, Windows, Linux, VSCode, CI/CD, Firebase, Selenium, Jenkins, Docker  
**Databases & Cloud:** SQL, MySQL, NoSQL, MongoDB, PostgreSQL, Google Cloud, AWS  
**Languages:** English, Hindi, Gujarati, German, Punjabi, Sanskrit  
**Others:** Public Speaking, Teaching, Debate, Music Composing, and Project Management

## EXPERIENCE

<b>Software Developer - Major League Hacking (MLH)</b> <ul style="list-style-type: none"><li>Designed three platforms that allowed <b>no-code facility</b> on Solana Network</li><li>Optimised the front end and back end for the NFT Editor by <b>35%</b></li><li>Implemented a new authentication method using Lit Protocol and NFT, which improved security &amp; reduced <b>fraud attempts by 25%</b>.</li></ul>	May 2022 – Aug 2022
<b>Software Developer - Samsung India (PRISM)</b> <ul style="list-style-type: none"><li>Revamped NTriple &amp; SPARQL Query Processing, improving <b>development by 66%</b></li><li>Reduced algorithm latency by <b>32%</b> and increased <b>accuracy by 17%</b></li><li>Refactored CLI Tool to effectively parse queries and enhanced <b>accuracy to 91.2%</b></li></ul>	Nov 2021 – Aug 2022
<b>System Architect and Back End Developer - Linguee Global Solutions</b> <ul style="list-style-type: none"><li>Produced system design for <b>HRMS Project</b>, having a 95% client satisfaction rate.</li><li>Developed &amp; optimized loosely coupled architecture for backend services, accelerating development <b>efficiency by 30%</b>.</li><li>Collaborated with a team of 5 for product release, <b>cutting monthly QA costs by 35%</b>.</li></ul>	Nov 2021 – Jun 2022

## PROJECTS

<b>ATHENA - Article Repository Management System</b>   <i>Node.js, ReactJS, PHP, MySQL, HTML, CSS, JS</i> <ul style="list-style-type: none"><li>Spearheaded the creation of a cutting-edge Content Management Portal encompassing an HTML Editor, User Management, Text to Speech modules, and 4 Account roles.</li><li>Achieved a <b>50% reduction in content maintenance time</b> and <b>improved user engagement by 25%</b></li></ul>
<b>FASAAN - Envisioning Farms for Better Future</b>   <i>Typescript, ReactJS, Node.js, GraphQL, Firebase, Diagflow</i> <ul style="list-style-type: none"><li>Developed AI platform, enabling virtual creation of 3D farms, and real-time monitoring of crop &amp; yield, resulting in a <b>25% increase in crop productivity</b> and a <b>36% reduction in resource wastage</b>.</li></ul>
<b>SWAASTHAYA - Mental Health &amp; Wellness</b>   <i>Typescript, React, JavaScript, React, Python, ML, GCP</i> <ul style="list-style-type: none"><li>Implemented service &amp; social media app for live monitoring of human emotions &amp; actions to determine underlying health conditions, which <b>helped about 51% of the users</b>.</li></ul>

## AWARDS, POSITIONS OF RESPONSIBILITY AND PUBLICATIONS

**Awards:** Meritorious Award, BTech CSE [1<sup>st</sup> Rank - 2021-2023], Visteon Coding Challenge [1<sup>st</sup>/250 teams - May 2023], CyberSpectrum Project Expo [1<sup>st</sup>/40 teams - Apr 2023], Double Slash 2.0 National Hackathon [2<sup>nd</sup>/180 teams - Jan 2023], Schneider Go Green [India Finalists - May 2022], International Rover Design Challenge [5<sup>th</sup>/30 teams - Jul 2021]

**Positions of Responsibility:** Program Representative [B.Tech. Computer Science & Engineering], Team Captain [Technocrats Robotics], Programming Lead [IoTHINC, VIT Chennai], Beta Microsoft Student Ambassador, Project Admin [Girlsript Summer of Code '22], Open Source Project Lead [GDSC, VIT Chennai], UNICEF India Youth Member

**Publications:** Blockchain & Cryptocurrency-Based Systems [IGI Global 2023], DL, Blockchain Based Multilayered Authentication & Security Architectures [ICAAIC 2022], Mobile Cloud Computing: Issues, Challenges & Scope in COVID-19 [ISDA 2021]