

# Hariket Sukesh Kumar Sheth

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## EDUCATION

**Vellore Institute of Technology, Chennai**

Sep 2020 – Jul 2024

*B.Tech - Computer Science and Engineering, 9.87/10 CGPA, Rank 1*

*Chennai, IND*

## SKILLS

**Programming Languages:** Python, C/C++, Java, JavaScript, Go, HTML/CSS, R, PHP, TypeScript, Go

**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

**Software Development Engineering Intern - Societe Generale**

Feb 2024 – Present

- Refactored the legacy code and worked on converting monolithic code to **Microservices architecture**
- Worked for an **Asset Referential project** that have a global scope in the organisation.
- Developed GitHub Actions based automated solutions for code review, and CI/CD
- Contributed and developed new features for both front-end and backend. Created REST APIs and handled Identity and Access Management related tasks.

**Software Developer - Major League Hacking (MLH)**

May 2022 – Aug 2022

- Designed three platforms that allowed **no-code facility** on Solana Network
- Optimised the front end and back end for the NFT Editor by **35%**
- Implemented a new authentication method using Lit Protocol and NFT, which improved security & reduced **fraud attempts by 25%**.

**Software Developer - Samsung India (PRISM)**

Nov 2021 – Aug 2022

- Revamped NTriple & SPARQL Query Processing, improving **development by 66%**
- Reduced algorithm latency by **32%** and increased **accuracy by 17%**
- Refactored CLI Tool to effectively parse queries and enhanced **accuracy to 91.2%**

**System Architect and Back End Developer - Linguee Global Solutions**

Nov 2021 – Jun 2022

- Produced system design for **HRMS Project**, having a 95% client satisfaction rate.
- Developed & optimized loosely coupled architecture for backend services, accelerating development **efficiency by 30%**.
- Collaborated with a team of 5 for product release, **cutting monthly QA costs by 35%**.

## PROJECTS

**ATHENA - Article Repository Management System** | *Node.js, ReactJS, PHP, MySQL, HTML, CSS, JS*

- Spearheaded the creation of a cutting-edge Content Management Portal encompassing an HTML Editor, User Management, Text to Speech modules, and 4 Account roles.
- Achieved a **50% reduction in content maintenance time** and **improved user engagement by 25%**

**FASAAN - Envisioning Farms for Better Future** | *Typescript, ReactJS, Node.js, GraphQL, Firebase, Diagflow*

- Developed AI platform, enabling virtual creation of 3D farms, and real-time monitoring of crop & yield, resulting in a **25% increase in crop productivity** and a **36% reduction in resource wastage**.

**SWAASTHAYA - Mental Health & Wellness** | *Typescript, React, JavaScript, React, Python, ML, GCP*

- Implemented service & social media app for live monitoring of human emotions & actions to determine underlying health conditions, which **helped about 51% of the users**.

## 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 [GirlsScript 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]