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# Hariket Sukesh Kumar Sheth

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## EDUCATION

**Vellore Institute of Technology, Chennai**  Chennai, IN
*B.Tech, Computer Science and Engineering, 9.80/10 CGPA*  *Sept. 2020 – July 2024*

**PACE Junior Science College, Thane**  Mumbai, IN
*Science with Maths and CS Bifocal, 90.66 Higher Secondary*  *Apr. 2018 – Mar 2020*

**DAV Sr. Sec. Public School, Sector 8 Panchkula**  Chandigarh, IN
*Till Class X, 97.6 Secondary*  *Apr. 2012 – Mar 2018*

## EXPERIENCE

**International Rover Design Challenge (IRDC)**  June 2021 – Sept. 2021
*Mars Society South Asia*  *Technocrats Robotics*
- Ranked 5th Internationally for Innovative Assistive Bot Design
- Assessed analytical and collection methods for soil analysis
- Proposed innovative techniques for sample collection, Path Planning inside lava tubes

**Full Stack Developer Intern**  Sept. 2021 – Nov. 2021
*LetsGrowMore*
- Completed works based on Making Portals and APIs
- Completed 3+ Projects and got Letter of Recommendation

**STEM Connect Virtual Experience Program**  Dec. 2021
*Deloitte*
- Worked on Tasks based on Cybersecurity
- Completed 5 Tasks based on Agile Software Developmental Cycle
- Accomplished the requirements expected in every task

**System Architect and Full Stack Developer**  Dec. 2021 – Present
*Linguee Global Solutions*
- Recruited as System Architect
- Main role was to design an architecture and flow for the execution of project.
- Worked for both Frontend and Backend team.

**Summer of Code (GSSoC)**  Jan 2022 – May 2022
*GirlScript*
- Worked on 14+ open source projects
- Opened 10+ Pull Requests, that were successfully merged

**Software Engineering Fellowship**  May 2022 – Aug 2022
*Major League Hacking (MLH)*
- Selected 1 out of 16 among 30,000+ working professionals in Globe for MLH software engineering track with age diversity of (19-35 yrs )
- Top 0.015 percentile of total applicants.
- Working with Solana Organisation

**Samsung PRISM Developer**  Jun 2022 – Sept 2022
*Samsung India*
- Working with assigned Worklet on Android and SPARQL Query Processing
- Led the team for optimization and Query Parsing

## PROJECTS

**DronaJR** | *React Native, React, Typescript, MongoDB, Tailwind CSS, NextJS*
- Built an Voice and Action-Based app for senior citizens to make learning technology easier
- Gamified Approach to teach them basic operations and help them get aware about Cybersecurity. Built a Dedicated Operating System for their ease

**AI Virtual Keyboard and Augmented Reality** | *Python, CVZone, OpenCV, Pynput*
- Developed a Web Application allowing inputs from hand gestures
- Implemented the Project using mainly OpenCV and CVZone to take alphabet inputs

**GotIt and LetsMeet** | *React, NodeJS, Express, TypeScript, Socket.io*
- Developed GotIt, which is a Chat Application with Use and Throw Chat Rooms
- Developed LetsMeet, which is an Online Video Conferencing System with WebSockets and Socket.io

**Athena - Article Repository Management System** | *PHP, MySQL, Tailwind CSS, HTML, JS*
- Developed Article Management System, Articles are published after Proper Review
- Proposed Solutions for World Wide Web Cluttering, Rumours, Spam and Vulgar Content
- Added Account Roles for Admin, Editors and Contributors
- Features for Adding Article with Fully Fledged Formatting Editor, Adding Bookmarks, Comment, Newsletter

**From Beginning to End: COVID-19 Timeline** | *Python, pycountry, plotly, pandas*
- Developed a COVID-19 Tracker, previewing number of active, Death and detected COVID-19 cases
- Plotted Data on the World Map and using Slider, the Users can view the Spread of COVID-19 cases over the world

**Epitomia — Learn from Anywhere Anytime** | *HTML, CSS, Bootstrap, PHP, MySQL*
- Built a Online Student Learning and Management System
- Innovative Features like Direct Meeting Platform Integration (Zoom, MSTeams, Google Meet
- Assignment Submission, Tracking and Evaluation with Report Generation

## TECHNICAL SKILLS AND COMPETENCIES

**Languages**: Python, C/C++, SQL, NoSQL, JavaScript, HTML/CSS, R, PHP, TypeScript, Rust, Solidity
**Frameworks**: React, Node.js, Flask, WordPress, Next.js
**Developer Tools**: Git, GitHub, VS Code, PyCharm, Eclipse, CI/CD, Firebase, Selenium, Maven, Jenkins
**Libraries**: pandas, NumPy, Matplotlib, tensorflow, scikit-learn, OpenCV
**Competitive Programming**: 5-Star Hackerrank, 3-Star Codechef, Winner-CodeRunner 2.0, CodeHuntra, International Rank 5503 Google Kickstart

## COMPETITIONS, RECOGNITION AND VOLUNTEERING

**Competitions**: 15+ hackathons (Offline + Online), Deep Space Food Challenge (NASA), Schneider Electric GoGreen India Finalists
**Recognition**: Best Mention @ IEEE SPS by Github, Ranked 5th Internationally - Mars Society South Asia, Microsoft Certified Innovative Educator, Microsoft Azure Developer League
**Volunteering**: Beta Microsoft Student Ambassador, Hashnode Ambassador, United Nations India Student YoungWarrior, Programme Representative @ CSE, AICTE Future Ready Talent, Girlscript Education Outreach Scholarship Recipient, Intel Student Ambassador, EddieHub Opensource Community Member

## PUBLICATIONS

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|---|---|
| **Mobile Cloud Computing: Issues, Challenges and Scope in COVID-19** | ISDA'21 |
| *Hariket Sukesh Kumar Sheth[1], Dr. Amit Kumar Tyagi[2]* | *Dec 2021* |
| **A Survey on Blockchain and Cryptocurrency based Systems** | ISDA'21 |
| *Hariket Sukesh Kumar Sheth[1]* | *Dec 2021* |
| **DL, Blockchain Based Multilayered Authentication and Security Architectures** | ICAAIC'22 |
| *Hariket Sukesh Kumar Sheth[1], Dr. Amit Kumar Tyagi[2]* | *May 2022* |
| **Speech Interface Blockchain Based Article Repository Management System** | |
| *Hariket Sukesh Kumar Sheth[1], Dr. Jayalakshmi S L[2]* | *Ongoing* |
| **Science Diplomacy of India in Climate Change** | |
| *Hariket Sukesh Kumar Sheth[1], Dr. Pooja Raghav[2]* | *Proceedings* |
| **Automated Nuclei Segmentation in Histopathology Images using Ensemble of UNets** | |
| *Rishi Dinesh, Hariket Sukesh Kumar Sheth, Vishwanath, Manas Ranjan Prusty[2]* | *Proceedings* |