

# Susindhar Arumugapriya Venkatesan

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## EDUCATION

**B.Tech. in Computer Science**, Vellore Institute of Technology  
Cumulative GPA: 8.89

Expected 2024

## SKILLS

<b>Technical Skills</b>	Full Stack Development, Applied NLP
<b>Languages</b>	English, Tamil; Java, Python, PHP, <i>Frameworks</i> : React, Node.js, Django, PyTorch
<b>Art/Design</b>	Poetry and Short Story Writing, Typography

## EXPERIENCE

<b>Technical Analyst</b> ION Group	Jan 2024 - Present <i>New Delhi, India</i>
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- Responsible for providing **business and technical support** to the Wall Street Systems Front office FX and Back Office client based comprised of global banks and multinational corporates. Resolving **time critical technical production issues**, providing root cause analysis and finding permanent solutions ensuring stability.
- Supporting **CLS, Swift, MQ series, API connections** within the application. Including **Oracle database support**. Gathering client's requirements for future expectations in BAU usage, and ensuring **structured on-time delivery**.

<b>Summer Intern</b> University of Auckland	Jul 2023 - Aug 2023 <i>Auckland, NZ</i>
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- Lead a team of 7, presented an original model to extract **geolocation information from text** posted on social media. Mentored by professors from the UofA and executives at Signal NZ.

<b>Research Intern</b> School of Computer Science and Engineering, VIT Chennai	May 2022 - Jul 2022 <i>Chennai, IN</i>
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- Created an answer grading system using a BERT-based sentence encoding model and enhanced its efficiency to match the current state-of-the-art. The developed system will be used in the **IPROPEL project sanctioned by MeITY, Government of India**.

## PROJECTS

**Precedent Search in Tamil Text.** Built an intelligent information retrieval system to look up legal documents and judgements of old cases recorded in Tamil language text, by using Transformers to train a document similarity model. This project won first place at the state level Tamil Computing Hackathon conducted by Dept. of IT and Digital Services, Govt. of Tamil Nadu. ([Try it here](#))

## EXTRA-CURRICULAR ACTIVITIES

- VITeach Volunteer.** Taught spoken English to over **100** students. Prepared 16 materials on English and Python, now used by **400+** government school students in Chennai. Improved SEO of the VITeach website.

## LEADERSHIP

- Headboy.** Headed the student council of 24 members. Organized four major events at school, oversaw all processes including logistics, schedule and allocating tasks. Developed a new system to increase the standard of the school sports facilities, which included designing a 100-meter running track.
- Editor-in-Chief of SCOPE Newsletter.** Headed team of 14 students and curated the newsletter content for over 13 issues. Interviewed over 15 alumni from all over the world, for the newsletter.