

Susindhar Arumugapriya Venkatesan

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OBJECTIVE

Undergraduate student with experience in Web Development, Data Science and Applied NLP, seeking SDE roles.

EDUCATION

B.Tech. in Computer Science, Vellore Institute of Technology

Expected 2024

Cumulative GPA: 8.90

SKILLS

Technical Skills	Full Stack Development, Applied NLP, Deep Learning, Data Analytics, System Design
Languages	English, Tamil, Hindi; Java, Python, PHP, React, Node.js, Django
Art/Design	Poetry and Short Story Writing, Typography

EXPERIENCE

NLP Engineer Intern

Jul 2023 - Present

University of Auckland

Auckland, NZ

- Leading a team of 7 members from different countries on a software project involving NLP, for Signal, an Auckland-based company. Mentored by professors from the UofA and executives at Signal NZ.

SDE Intern

May 2023 - Jul 2023

HumCen Global IP

Chennai, IN

- Developed **12 new features** on their flagship SaaS product that boosted their software capabilities by **more than 30%**. Successfully refined their NoSQL database structure ensuring scalability and high performance. Engaged in the **complete software development life cycle (SDLC)**, participating in requirements gathering, design, coding, testing, and deployment phases.

Research Intern

May 2022 - Jul 2022

School of Computer Science and Engineering, VIT Chennai

Chennai, IN

- 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.