Patna, Bihar, India
8406000447
tejpatna24@gmail.com

Tejaswi Kumar

Vellore Institute of Technology, Chennai

Linkedin
Github
Portfolio

I am a final year Computer Science and Engineering student at Vellore Institute of Technology, Chennai. I aspire to become a Software Engineer having a keen interest in programming for the real world applications. I am ready to work hard and dedicate myself to learn more about things that would help me to enhance my caliber and knowledge.

PROJECTS

Two way Sign Language Translator (EasyGui, Deep Learning, PyAudio, Google Speech API, OpenCV)   **Nov 2021 - Feb 2022**
- Developed an application that can convert audio input to sign as well as read hand signs and convert it to audio output.

DocIT (Flask, HTML, CSS, Javascript, ReactJS, MySQL, NodeJS, MongoDB)   **May 2021 - July 2021**
- Developed a web application which helps to connect doctors and patients during lockdown via online technology.

OS Algorithm Visualizer (HTML, CSS, Javascript)   **February 2021 - April 2021**
- Developed a web application which will visualize the OS scheduling algorithms with the help of step by step animation

Human Mood Manipulator using Speech Recognition (Python, Flask, DL, CNN)   **February 2021 - April 2021**
- Developed a web application that can recognise human voices and recommend a Spotify playlist based on the user's current mood.

A new type of CAPTCHA: MACS-TCHA (Java, Applet)   **July 2020 - December 2020**
- Developed a new type of CAPTCHA, which is based on multiple layers of randomization.

Web-Based Laptop Recommendation System (HTML, CSS, JavaScript, PHP, AJAX, MySQL)   **April 2020 - July 2020**
- Developed a web application that uses a database of user preferences to suggest the best laptop to the user based on their choices.

EXPERIENCE

Software Development Intern   **Feb 2023 - Current**
JPMorgan and Chase Company   Bangalore, Karnataka

Software Development Intern   **May 2022 - July 2022**
ION Trading Technologies Limited   Noida, Uttar Pradesh

PRISM R&D Intern   **November 2021 - September 2022**
Samsung Bangalore   Remote

Microsoft Learn Student Ambassador   **July 2021 - Current**
Accepted for Microsoft Learn Student Ambassador Program   Remote

Summer Research Intern   **April 2020 - July 2020**
National Institute of Technology   Patna, Bihar

EDUCATION

Vellore Institute of Technology, Chennai, B. Tech Computer Science and Engineering   **2019 - Current**
Currently pursuing 7th semester, CGPA: 9.13

St. Michael's High School, Patna, CBSE Class 12th Boards   **2017 - 2019**
Percentage: 91.2

St. Michael's High School, Patna, CBSE Class 10th Boards   **2007 - 2017**
CGPA: 9.80

TECHNICAL SKILLS

Operating Systems	Ubuntu, Fedora, macOS, Raspbian OS, Windows 7, Windows 8, Windows 10
Computer Languages	C, CPP, Java, Python, JavaScript, PHP
Tools and Technology	HTML, XML, CSS, LaTeX, Postman, Flask, Docker, Git, Machine Learning, Deep Learning
Database Management System	MySQL, MariaDB, Oracle Database, MongoDB
Simulation Software	MATLAB, RStudio, LTspice XVII, Cisco Packet Tracer
Communication languages	English, Hindi, French

PUBLICATIONS

- T. Kumar, N. Goel, S. Roy, and C. Oswald, *"Usability evaluation of novel text CAPTCHA schemes based on colors and shapes"*, in the 4th International Conference on Innovative Computing and Communication (ICICC 2021), February 20-21, New Delhi, India. (Paper presented. Received best paper award).