Sreyas VENKATARAMANAN

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⚲ Chennai,Tamilnadu,India
ⓘ Born on *30 October 2000 (Age : 20)*

💼 SUMMARY

A hardworking, passionate developer, always looking to learn more. I am currently pursuing my Bachelors in Computer Science and Engineering from SSN College of Engineering, Chennai. I am very much interested in the fields of Web Development, Software Development and Machine Learning.I would like to work in the aforementioned fields to develop real world solutions.

🎓 EDUCATION

2018-22	SSN College of Engineering	B.E Computer Science and Engineering	9.56 CGPA
2018	PSBB Senior Secondary School	12th Standard	95 %
2016	PSBB Senior Secondary School	10th Standard	10.0 CGPA

💼 EXPERIENCE

April 2021
March 2021

Web Developer Intern, GRIP - THE SPARKS FOUNDATION, Online
> Worked as a web developer intern and developed webapps for banking systems and customer service portals. Mainly worked with React, Node.Js and Java Servlets.

`React` `Node.Js` `HTML` `CSS` `Java` `AJAX`

☰ SKILLS

Programming Languages	Python 3., C/C++, Java, HTML, PHP, CSS, Javascript
Frameworks	scikit-Learn,TensorFlow,Keras,Matplotlib,Pandas,Flask,Numpy,seaborn,scipy
WebDev Frameworks	Bootstrap, React, Node.JS, Django, Tailwind
DataBase Systems	Oracle Database,JDBC, MySQL, MongoDB
Integrated Development Environments	AWS,Jupter notebook,Spyder,Visual Studio Code,Netbeans, Code Blocks
Soft Skills	Leadership, Critical Thinking, Communication, Creativity, Team work

🖥 PROJECTS

TAMIL PARAPHRASE AND SEMANTIC ROLE LABELLING   2020 - ongoing

A project based on Natural Language Processing to achieve Role Labelling and then develop to paraphrasing with the CoNLL dataset as the base, using the BERT model.

`Python` `pytorch` `Neural Nets`

PLAYER PERFORMANCE ANALYSIS SYSTEM   2021

An interactive website with separate portals for players, coaches and analysts for providing statistical performance enhancement of football players within a team. Smart visualizations and player-coach interactions for overall development.

`React` `Node.Js` `Vanilla Bootstrap`

PLAYER SIMILARITY TOOL   2021

A project mainly based on Unsupervised Learning (Clustering Techniques) to create an interactive tool which can recommend players from the top 5 Football leagues within the specified age and price limits along with visualization. Helpful for talent recruitment and scouting.

`Python` `sklearn` `Tableau`

Auction Simulation Software   2019

A project mainly based on various data structures to create a fantasy IPL game supporting simultaneous bidding by multiple users

`C` `binary trees` `hash tables` `B-tree` `Heaps` `File Handling`

Hotel Management System   2019

A project to create a software to manage the database containing all the data and details of customers, rooms and billing for orders for a hotel.

`Java` `Netbeans` `Oracle JDBC` `GUI`

Theatre Management System   2019

A software created to facilitate ticket booking for a movie theatre. Simulation of theatre management in real time.

`C` `Data structures` `File handling`

Periodic Table   2018

This program simulates the periodic table and also has options to view the details regarding each element in the modern periodic table. Facilitates more effective understanding of chemistry from the students' side.

`C++` `File handling`

📘 Courses Completed

TensorFlow in Practice (5 courses)   2020
https://www.coursera.org/account/accomplishments/specialization/certificate/7H3VHA8VP4AD
Offered by **Deeplearning.ai** on **coursera**

`tensorflow` `keras`

Deep Learning Specialization (5 courses)   2020
https://coursera.org/share/2cd6c86d6313a94e4aec9ac059b8aa66
Offered by **Deeplearning.ai** on **coursera**

`CNN` `DNN` `LSTM` `GRU` `Forward propagation` `back propagation`

Python for Everybody Specialization (4 courses + 1 capstone)   2020
https://coursera.org/share/7e9f3d8623887411ed59c8b4466530ed
Offered by **University of Michigan** on **Coursera**

`Python Data Structures` `Python for Web Data` `Databases with Pyton`

Web Development Specialization (4 courses + 1 capstone)   2020
https://coursera.org/share/e4f348a8c57ed4240ca79f80138a52ee
Offered by **University of Michigan** on **Coursera**

`HTML` `CSS` `Javascript` `Responsive Design`

Artificial Intelligence A-Z™ : Learn How To Build An AI   2020
https://www.udemy.com/certificate/UC-25647bc2-71ac-41e6-987e-6fc2ee80e3cd/
Offered by **SuperDataScience** on **Udemy**

`pandas` `pytorch` `reinforcement learning` `Q-Learning`

Machine Learning A-Z™ : Hands-On Python and R In Data Science   2020
https://www.udemy.com/certificate/UC-3ed5cc25-a664-4136-ba34-282446a055fc/
Offered by **SuperDataScience** on **Udemy**

`python` `R` `numpy` `keras` `matplotlib` `pandas`

Machine Learning 101   2020
https://www.guvi.in/verify-certificate?id=6u85b5100L5zSN8Aw5
Offered by **GUVI**

`regression` `SVM` `decision trees`

GIT   2020

https://www.guvi.in/verify-certificate?id=cq2e8S678k51U566tj
Offered by **GUVI**

`GIT`

DEEP LEARNING   2020

Gold Certification
Offered by **IIT Kharagpur via NPTEL**

`Neural Nets` `Normalization` `Propagation` `Classification` `SVM`

INTRODUCTION TO INTERNET OF THINGS   2020

Silver Certification
Offered by **IIT Kharagpur via NPTEL**

`Zigbee` `IOT Systems` `Raspbian`

➕ EXTRA CURRICULAR

Association of Computing Machinery (ACM) - SSN Chapter   *2021-present*
Student Volunteer
Organizing workshops and talks

Youth Red Cross (SSN)   *2018-Present*
Active Volunteer
Blood Donation Camp
Awareness Rally on Wearing Helmet
Cleaning the College Campus
Cleaning of Porur Lake (Chennai)

TGELF Youth Leaders Forum   *2014-18*
Workshops and Leadership Conferences

Block and Tackle at Kalpakosha'17, SSK   *Runner-up*

Hosted the Genaral Quiz in Reverbarations'17 (inter-school culturals)   *2017*

Debating Society of PSBB   *2015-18*