**Varun Raj Vallioor Ramachandran **

**[C:\Users\sanke\Downloads\277519684_10158675188522823_7436488509713286219_n.jpg](http://www.linkedin.com/in/varun-raj-v-r-9bb8811a1)** [**varunrajvr2016@gmail.com**](mailto:varunrajvr2016@gmail.com)| **+91 9840880554** | Chennai, TN – India

**EXECUTIVE SUMMARY:** An impassioned Data Scientist with immense knowledge in cloud computing and AI. Equipped with all kinds of problem-solving and hands-on tools like AWS. Possesses knowledge related to Artificial intelligence and Cyber security. Excellent with verbal communication and understands the value of Teamwork and knows how to work with a team. Always excited to take up leadership roles and new responsibilities. A good amount of experience in working in the field of Research and Development related to Chaotic Non-linear systems.

**EDUCATION**

* **Chennai Institute of Technology, Chennai – Anna University, Tamil Nadu (2019-2023)**

Bachelor of Engineering (B.E) – Computer Science Engineering [CGPA: 9.47]

* **Lalaji Memorial Omega International School, Chennai (2019)**

CBSE – XII (Biology with Math) [94.2%]

* **Srimathi Sundaravalli Memorial School, Chennai (2017)**

CBSE – X [CGPA: 10]

**PROJECTS**

* Performed a full vulnerability assessment on a website and submitted a report.
* Developed a blockchain based mobile application for e-commerce auctioning of art and antiques with Metamask and Truffle suite.
* Created a Mathematical Application using HTML5 , CSS3 and JavaScript.
* Face Recognition using Computer vision.

**WORK EXPERIENCE**

**Research Intern (March 2022 – Present)**  
 Centre for Nonlinear systems– Chennai Institute of Technology, Chennai

**Python developer Intern (October 2021-February 2022)**

Dhruv Consultancy Services-Chennai

**RESEARCH AND PUBLICATIONS**

Using memductance flux coupling to control dynamical behavior of Pancreatic Beta cell: considering nodal properties and wave propagation- Elsevier publisher and Chaos, Solitons, and Fractals journal. (under review)

**SKILLS**

* **Programming Languages** – C | C++ | Python | SQL
* **Web Development** – HTML5 | CSS3 (Flexbox) | JavaScript
* **Machine Learning Libraries** – NumPy|Pandas|Matplotlib|Seaborn|openCV|keras|Scikit|Pyspark|Tensorflow
* **Machine Learning Algorithms** – Knn|NaïveBayes|Ensemble|RandomForest|Clustering|SVM|PCA|TimeSeries
* **Deep Learning Algorithms** – CNN | RNN | CV |NLP | LSTM
* **OS**: Linux (Kali-Ubuntu), windows
* **Soft Skills** – Communication | Teamwork

**PROFFESIONAL COURSES**

* MTA -security fundamentals (2021)
* Python 3 Programming Specialization, Coursera (October 2020)
* Complete Web Development , *UDEMY* (May 2021)

**EXTRA CURRICULAR AND ACHIEVEMENTS:**

* CBSE Cluster South Zone – Basketball (captain)
* Anna University Zonal (Basketball) Captain
* Karate Black Belt -Dan 1
* Hosted and anchored many webinars and shows in schools and colleges.
* Hosted TEDx in my college.
* Treasurer – HACKERZ Symposium 22’

**LANGUAGES KNOWN :** English | Tamil | Hindi