

# T.R. VIJAY SRIVATSAN

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[LinkedIn](#) • [GitHub](#)

## BIO

A proactive and dedicated individual with an insatiable thirst for knowledge and experience with a seasoned analytical and creative thinking, who is always eager to take on any challenge as an opportunity for growth. I am committed to consistently delivering my best in every endeavor.

## EDUCATION

**SRM Institute of Science & Technology, Kattankulathur Campus**

Chennai, India

**Bachelor of Technology in Computer Science Engineering with  
Specialization in Artificial Intelligence and Machine Learning**

Jun 2019 - May 2023

CGPA: 8.56

Relevant coursework: Data Structures and Algorithms, Operating Systems, Database Management Systems, Object-Oriented Programming, Human-Computer Interaction, Machine Learning, Data Analytics, Deep Learning.

## JOB EXPERIENCE

**Data Engineer at Ganit Inc.** | Chennai, India

Jun 2023 – Sept 2023

- Skilled in designing, constructing, and maintaining robust data infrastructure and pipelines.
- Developed scalable and efficient solutions for data collection, storage, processing, and analysis of substantial data volumes.
- Proficient in programming and data manipulation.
- Technical expertise in key tools and technologies, including Snowflake, Snap Logic, Amazon Web Services, Pyspark, Pycharm, Hadoop, and Python.

**Data Analyst at Ganit Inc.** | Chennai, India

Feb 2023 – Jun 2023

- Results-driven Data Analyst with a demonstrated expertise in extracting valuable insights from complex datasets.
- Extensive experience in Big Data and Amazon Web Services, with practical expertise in state-of-the-art technologies.
- Proficient in statistical analysis, data visualization, and SQL.
- Skilled in using Python for data manipulation and modeling.
- Proficiency in utilizing Amazon Web Services, PyCharm, Pyspark, Postgres, Microsoft Excel, PowerBI, and Jupyter notebook.

**Software Developer Intern at HighRadius** | Hyderabad, India

Feb 2022 – Jul 2022

- Implemented design on the frontend by using the provided UI/UX with HTML and CSS.
- Partnered with senior developers to implement RESTful APIs in Python, enabling the analytics team to increase reporting speed by 22%.
- Collaborating with clients or stakeholders to understand project requirements, objectives, and desired outcomes. Creating project plans, timelines, and estimating resources needed.
- Identifying, Debugging and Troubleshooting to ensure that the software solutions run smoothly.

## PROJECTS

**Fruit Freshness Index**

[GitHub](#)

- Developed a Fruit Freshness Index system using image processing and machine learning techniques.
- Designed and implemented algorithms for assessing fruit freshness based on visual characteristics (color, texture, blemishes).
- Demonstrated proficiency in computer vision, data analysis, and algorithm development.
- Project selected for inclusion in the Institute of Electrical and Electronics Engineers (IEEE) Xplore Digital Library through Emerging Smart Computing & Informatics (ESCIOIT) International Conference.
- Utilized: Python, Visual Studio Code, Machine learning, Computer Vision.

## Scheduling of Medical Treatment using Genetic Algorithms

[GitHub](#)

- Utilized genetic algorithms for optimizing medical treatment scheduling.
- It optimizes treatment assignments for maximum efficiency, considering both patient needs and resource availability.
- Created a solution for efficient treatment assignment based on patient needs and resource availability.
- Utilized: Python, Visual Studio Code, Genetic Algorithms.

## ChitChat – Chatting Application

[GitHub](#)

- Implemented advanced features, user-friendly interface and functionality for a comprehensive chatting experience with seamless communication.
- Developed for Android platforms to ensure compatibility with a wide range of devices and versions.
- Utilized: Android Studio, Kotlin, Firebase real-time database.

## Face Palm Jokes – Google Chrome Extension

[GitHub](#)

- The extension displays uplifting compliments upon user interaction.
- Developed with the goal of enhancing user happiness during internet browsing.
- Utilized: Python, JavaScript, Visual Studio Code.

## Fishway Swimming – Infinite Runner Game

[GitHub](#)

- The game offers endless running gameplay, challenging players to achieve high scores.
- Employed the Unity Engine, a widely used game development platform.
- Utilized: C#, Unity Engine, Adobe Photoshop.

## ADDITIONAL EXPERIENCE

<b>National Services Scheme SRM – Lead</b>   Chennai, India	01/2020 – 06/2020
<b>Microsoft Student Learn Ambassadors SRM – Lead Photographer</b>   Chennai, India	08/2020 – 07/2022
<b>Millan Colosseum SRM – Group Lead Public Representative</b>   Chennai, India	07/2019 – 09/2020
<b>Aarush SRM – Group Lead Coordinator</b>   Chennai, India	08/2019 – 08/2021

## CERTIFICATES

### Coursera | Google:

Introduction to Google Workspace Admiration  
Google Cloud Big Data and Machine Learning  
Google Cloud Digital Leader Training  
Google Cloud Fundamentals: Core Infrastructure  
Infrastructure and Application Modernization with Google Cloud  
Innovating with Data and Google Cloud  
Introduction to Digital Transformation with Google Cloud  
Understanding Google Cloud Security and Operations  
Stanford Online Machine Learning  
Georgia Institute of Technology Introduction to User Experience Design  
Google Digital Marketing

### Skillrack:

C - Programming Course (Hands-On)  
Java Basics - Programming Course (Hands-On)

### DataBricks:

Databricks Lakehouse Fundamentals Accreditation  
Databricks Platform Administrator Accreditation  
Databricks Generative AI Fundamentals  
Databricks Cloud Data Warehouse Migration  
Databricks Advantages of the Lakehouse

### Amazon Web Services:

Generative AI Essential Business Skill

↑  
2020 – 2023  
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## SKILLS & INTERESTS

**Programming Languages:** Kotlin, C, C++, Python, R, HTML, CSS, Javascript, Pyspark, C#, SQL.

**Technology:** Machine Learning, Deep Learning, Computer Vision, Data Analytics, Artificial Intelligence.

**Tools:** VS Code, Android studio, Jupyter Notebook, Pycharm, Postgres, PowerBI, Microsoft Excel, AWS.

**Interests:** Aviation, Gardening, Photography, Video Editing, Photoshop, Acting, Technology.