

Ram Srikar Putcha

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📍 Boston, MA (U.S. Citizen)

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 github.com/ramsrikarputcha

Education

Northeastern University, Boston

Sept 2024-Dec 2026(Expected)

Master's in Information Systems

Relevant Coursework: Data Science, Application Engineering and Development

Vellore Institute of Technology, Chennai

Aug 2020-May 2024

Bachelor's in Computer Science with Specialization in Cyber Physical Systems - 7.96 CGPA

Relevant Coursework: OOPs using Java, DBMS, Data Structures, Operating Systems, Machine Learning, Cloud Computing, Control Systems, Blockchain Technologies, Data Analytics, Software Engineering, Probability and Statistics, Computer Networks and Architecture

Skills

Languages: C++, Python, R, Java, SQL, HTML, PHP, Java Script

Frameworks and Connectivity: ReactJS, Bootstrap, Node.js, JDBC

Databases: MySQL, MongoDB, Firebase

Tools and Technologies: AWS, Tableau, Hadoop, OpenCV, Git, Splunk, Google Analytics, Advanced Excel

Professional Experience

Backend Software Intern

Ford Motors Private Limited

May 2023 – July 2023

- Developed an API for accessibility and generation of ample responses from Ford's Language Learning Model (LLM) based on user-requested questions.
- Successfully completed the entire fool-proof integration of API into Webex plugins to enable users to conveniently access the chatbot.
- Improved utilization of the provided plugins.

Cloud Computing Intern

Winfo Solutions Private Limited

May 2022 - July 2022

- Enabled Multi-Factor Authentication customized for client requirement in Oracle Cloud.
- Worked closely with the Core Operations Team to install and support core infrastructure.

Projects and Achievements

IoT Data Intrusion Detection using GAN

Vellore Institute of Technology

- Implemented an *Intrusion Detection of CICIDS 2018(IoT-based Data)* obtained through public outsources to observe and assess the tampering of data.
- Achieved an impressive *91.8% accuracy of Generative-Adversarial Networks* to conduct the Deep Learning network assessment.

Tools and Technologies Used: TensorFlow, Python, R

Bus Tracker Application using Arduino

Vellore Institute of Technology

- Developed an *Arduino based application* to track buses continuously featuring real-time tracking, user-friendly interfaces, and push notifications.
- Integrated *GPS and Google Maps API* for live bus location updates and achieved 80% accurate estimated arrival times.

Tools and Technologies Used: Arduino, Android Studio, Java, Firebase, API Plugins

To-Do Application

- Developed a To-do Application with a clean and aesthetic UI that handles a personalized list management and creates to maintain a log for every duration.

Tools and Technologies Used: HTML, CSS, JavaScript, SQL

Volunteer Experience

- Coordinated **Versa-Flip**, an event for cultural exchange as an active member of the Rotaract Club, VIT Chennai as an exchange with the Rotaract Club of Hazara, Pakistan.
- One of the core event organizers of **VSplash**, the main committee responsible for conducting numerous workshops and technical events.