SRIKANTHAN PRAKASH

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EDUCATION

IIIT Kancheepuram   **Chennai**
B. Tech - Smart Manufacturing (Indian Institute of Information Technology)   July 2025
One of the premium colleges of India and an institute of National Importance
Cumulative GPA: 7.8*/10, prev sem: 8.34/10
Coursework: DBMS, Data Science, Computer Networks, Machine Learning, Robotics, Python, C, Product Design, Manufacturing

Maharishi Vidya Mandir   **Chennai**
Class XII – 89%   Sept 2021
I was preparing for JEE during this time which helped my critical thinking and aptitude level

SKILLS

Languages and Frameworks: Python, Java/C++ (basic), SQL, MongoDB, React, REST API's
Technical Skills: Machine Learning, Deep Learning,, Computer Vision, Object Oriented Programming, Operating Systems
Tools: Kaggle, Jupyter, Spyder, Git, Docker, MySQL, Visual Studio, AWS Amplify, Lambda, Redshift, Glue Catalog, AWS EC2, Load Balancers, S3, DynamoDB (TTL) , Power BI, Tableau, Postman,

WORK EXPERIENCE

Ford Motor Company   **India**
Machine Learning Intern   *May 2023* - July 2023
Part of GME team where I built a pipeline and trained a GAN model that generates new designs and reduces the effort of manually designing new innovative products
- Accuracy and realism of the GAN model turned out to be 70%
- Built a cycleGAN model that converts day-images to night-images that can be further processed to train autonomous vehicles and robots, 500 epochs – G_loss: 0.803, D_loss: 0.5880

Quantum Robotics   **India**
Software Engineering Intern   *Dec 2022 – Feb 2023*
- I had built the frontend application of the website using React.js, CSS and redux store and had deployed it on AWS

PROJECTS

➢ Neural-link.AI Chatbot
  Chatbot trained on top of JSON files using ANN and the backend was built using FLASK with AJAX requests to the ML model that has been built to get the POST request data, frontend was built using HTML, CSS.
➢ CarShare
  Built a Car Pooling website from scratch where the driver will give in from/to/license/car number plate, etc. and when the rider gives in same location, it displays the drivers photo/license and other credentials.
➢ Forecasting for sales and inventory management
  We collected our college retail store data, applied **EDA,** built a **simpleRNN** model to predict the upcoming sales figures for the store and also used **exponentialSmoothening Time Series Analysis** to predict which product will have more demand at what time which helps in supply chain and inventory management for the store (val_loss: 0.041, accuracy: 0.7)

ACHIEVEMENTS

->Cleared IIT JEE Advanced with a rank of **19800** (approx.) and mains with a **top 5%** score in the country
->Participated in **Airtel IQ x Meta Hackathon** where our team got shortlisted into the **top 40 teams out of 1100+ teams** that participated (based on chatbot building ideation and demo), Cleared 2nd round of Amazon HackOn, Volkswagon IT, Walmart Hackathons.
Interests: Football, Athletics, Chess and have bagged multiple awards every year during my schooling.