

Srikanthan Prakash

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Summary

Enthusiastic and a motivated guy who love to solve various problems related to tech, passionate about startups and innovation. Good level of expertise in MERN stack Applications, ML/DL algorithms and decent level of expertise in Python and C

[Website](#) (Not 100% responsive yet) [Github](#) [LinkedIn](#)

Skills

HTML, CSS, React, Node.js, Express.js, MongoDB, SQL, Python, C/C++, Machine Learning, TensorFlow, Git, Deep Learning, GitHub, Time management, English, Leadership, Critical Thinking, Team work, Problem Solving

Education

Indian Institute of Information Technology Kancheepuram | Chennai
Bachelor of Technology - Smart Manufacturing | 06/2025

- IIITDM-Kancheepuram is an **Institute of National Importance and one of the premiere colleges of the country**
- Part of Alumni Affairs where we interact with our various Alumni for talks, sponsorships and Alumni Fund Collections.

Maharishi Vidya Mandir, Chetpet, Chennai
Computer Science | 10/2021

- Passed out with a score of 88% in class XII.
- Improved on my critical thinking, perseverance, problem solving ability while preparing for JEE during this time

Experience

Quantum Robotics
Web Development Intern | 12/2022 - 02/2023

- Building their official page using React.js, CSS and got a little bit knowledge about **AWS** deployment
- Used various react hooks and user authentication using **JWT**
- React Router to navigate their main page into other sub-pages and courses (add-to-cart) pages

Projects

Driver Drowsiness detection using Deep Learning

- We determine the driver's fatigue level and warn him by an alarm. We have used **transfer learning** in this project (VGG16 and InceptionV3 both methods to check accuracy) and openCV to keep track of driver's eye movements and drowsiness level. We gave a time-set wherein if the person closes for more than 3 seconds, the alarms starts beeping.

Book Website

- Used React.js for frontend and **SQL** for backend with Basic CRUD operations involved

Push Up Counter

- Built a push-up counter using Mediapipe library which detected the number of pushups when given an video as input

Achievements

- **JEE Mains 2021** - Secured top 5% in the country out of a million candidates.
- **IIT-JEE Advanced 2021** - Secured a rank of 20k in the country.
- **Airtel IQ, Meta Hackathon** - Issued by Techgig - Our team was among the top 40 teams to qualify among 1100+ team which participated in the 1st round of the hackathon