SARAN V S

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EDUCATION

Madras Institute of Technology, Anna University
Bachelor of Engineering in Computer Science and Engineering

📅 July 2016 – Ongoing   📍 Chennai, India

- CGPA **9.98** out of 10

Sri Sankara Vidyalaya Matriculation Higher Secondary School
State Board of Higher Secondary Education

📅 July 2015 – May 2016   📍 Chennai, India

- Percentage **98.33**%

EXPERIENCE

Software Development Engineer - Intern
Fourkites India Pvt. Ltd.

📅 May 2019 – June - 2019   📍 Chennai, India

- Built a Custom Reports module to enhance the reporting module using Ruby on Rails and integrated the same with Kafka for further processing
- Developed a Tracking consistency API using GoLang and Elastic Search mechanism to expose historical tracking data to respective customers

Software Development Engineer - Intern
Freshworks Technologies Pvt. Ltd.

📅 May 2018 – July - 2018   📍 Chennai, India

- Developed and Integrated the Frontend for several free tools of the product Freshping, namely website availability checker, ping tester, port availability checker, DNS checker, and IP finder.
- Developed and Integrated the Frontend of the public status page of the product Freshping using NextJS and GatsbyJS.

PROJECTS

Deep Q Learning approach to Swarm Pattern Formation among UAVs

An on-demand speed control based algorithm using Deep Q Learning to form and switch patterns among a swarm of UAVs

You Express We Analyze App

An app that extracts tweets from the client's twitter handle and provides a detailed month-wise sentiment analysis with graphical representation

MIT Learning Management System

A college-wide interactive course management portal that enhances classroom learning

Automated RFID Based Attendance System

A foolproof attendance recording and management tool with periodic attendance details mailed to the concerned faculty automatically

MOST PROUD OF

🎓 **Current University Rank: 1**
Secured a perfect **10 GPA** in I, II, III, IV, VI and VII semesters

</> **ACM ICPC**
Represented MIT in three **ACM ICPC regionals in 2017 and 2018** (Kolkata 2017 and 2018, Kharagpur 2018)

🏆 **Awards in Programming Contests**
Won several prizes in competitions conducted on different programming domains in various symposia at both intra-college and inter-college levels

🎖 **Scholarships from MITAA**
For being the department topper till my current semester

🏅 **Proficiency awards**
Won several Academic Proficiency and Best student awards during my Junior and senior years of schooling

⭐ **Competitive examinations**
Cleared both JEE Mains and Advanced

SKILLS

Programming Languages

`C` `C++` `Java` `Python` `Bash`

Web Technology

`PHP` `HTML` `CSS` `Javascript` `Bootstrap` `Ruby on Rails` `GoLang`

Database

`MySQL` `PostgreSQL`

Big Data

`Hadoop` `Mahout` `Hive`

Others

`Git` `Keras` `Dronekit-sitl` `Redshift` `AWS` `Android Studio` `TensorFlow`