

# NAVIN SRIDHAR

Graduate Student - University of Texas at Austin

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## Education

### University of Texas at Austin

August 2022 – May 2024

Master of Science in Information Systems - **Data Science & Analytics Track**

Austin, Texas, USA

Courses: Data Storytelling, Data Semantics, Human Computer Interaction, Product and Project Management.

GPA: 4.0

### Sri Venkateswara College of Engineering, Anna University

August 2017 – May 2021

Bachelor of Engineering in Computer Science

Chennai, India

Courses: Software Engineering, Data Analytics, Data Structures, Database Management, Machine Learning.

GPA: 3.7

## Technical Skills

**Skills:** Software Engineering, Data Analytics and Visualization, Data Engineering, Project Management, Database Management, Machine Learning, Product Development, UI/UX, Algorithms, Business Intelligence.

**Languages:** Python, SQL, C++, Php, JavaScript, HTML/CSS

**Frameworks and Technologies:** Tableau, Power BI, Snowflake, MySQL, SQL Server, Figma, Git, Bootstrap, Jira, Excel, Azure, REST API, Postman, Reactjs, Agile and Scrum Development practices.

## Experience

### Software System Management Engineer

June 2021 – June 2022

Larsen & Toubro Infotech

Mumbai, India

- Upgraded frontend design for a new automation end-to-end from design to deployment for Post Holdings ltd Client.
- Analyzed and drove design reviews with the senior engineers for upgrading existing UI components.
- Improved database performance by 25% by optimizing **SQL** queries, improving indexes and data defragmentation.
- Enhanced the performance of real-time business activity by building **Tableau** reports, dashboards resulting in 50% improvement in efficiency. Reduced number of major incidents by 27% through IT system management.

### Software Developer Intern

October 2019 – April 2020

Hatch School of Code

Chennai, India

- Implemented various phases of SDLC - gathering requirements, designing and implementing various features in an agile environment to optimize existing software performance focusing on user experience design.
- Managed user inputted data across multiple platforms including web and mobile apps using Google Firebase.

## Research & Publication

### Novel Method for Relative Automobile Maintenance Index for Smart Cities

August 2021 – June 2021

Lecture Notes in Networks and System (LNNS)– Springer Book Series

Singapore

- Presented research paper in International Conference in **Big Data and Data Analytics** domain at GIET University, India. Devised a Novel algorithm to estimate Vehicle Maintenance Index. **SIH 2020 Project**
- [https://doi.org/10.1007/978-981-16-0666-3\\_46](https://doi.org/10.1007/978-981-16-0666-3_46) (**Springer Nature - SCOPUS**)


## Hackathons & Projects

### Online Remote Proctoring Platform

February 2021 – March 2021

ASEAN INDIA Hackathon 2021 - Singapore Government - Winner

Singapore


- FIRST PLACE - Team Lead of 6 international student developers and engineered a custom real-time “**Online Remote Proctoring Platform**” that automates proctoring using OpenCV, dlib and Machine Learning Algorithms.
- Automated customizable proctoring software platform that continuously verifies the identity of online test-takers, while detecting and deterring misconduct using Artificial Intelligence.  [Project Link](#)

### Vehicle Maintenance Platform

December 2019 – August 2020

Smart India Hackathon 2020 - **CDK GLOBAL** - Winner

Mumbai, India

- FIRST PLACE - Led a team of 6 and developed a “**Vehicle Maintenance platform**” that consists of a Vehicle Maintenance Index, Fault Predictor, Vehicle Service Booking Platform for **CDK Global** organized by Govt. of India.
- Developed a novel algorithm and designed a method to collect and authenticate users’ vehicle data from Honda dealership and runs on a self-developed Normalized Relative Maintenance Index Algorithm to estimate maintenance index and fault of the vehicle.  [Project Link](#)

## Leadership & Achievements

### MSP Award – Best Computer Science Engineering Student

August 2021

Sri Venkateswara College of Engineering, Anna University

### President - Cognizant Student Chapter

September 2019 – June 2021

Anna University, Chennai