



Athithya Narasimhan

Date of birth: 01/03/2002 | **Place of birth:** Thanjavur, India | **Nationality:** Indian |

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ABOUT ME

Hands-on experience in Product Lifecycle Management (PLM), system documentation, and engineering analysis, with **1.5 years of professional experience at Tata Consultancy Services (TCS)**. Strong academic and project exposure in Electric Vehicles (EVs), charging infrastructure, and automotive control systems. Familiar with MATLAB/Simulink modeling concepts, IoT-enabled energy systems, and ECU-related simulations through coursework and project work. Motivated to contribute to EV development, charging systems, and sustainable mobility solutions.

WORK EXPERIENCE

ASSISTANT SYSTEM ENGINEER – TATA CONSULTANCY SERVICES – 20/06/2024 – Current – BANGALORE, INDIA

- **Product Lifecycle Management:** Utilized **Oracle Agile** for effective tracking, and reporting of product-related information.
- Ensured data accuracy and integrity by conducting regular audits and validations of product data within the system.
- Created and managed product configurations, change orders, and part specifications to facilitate seamless product updates.
- **Documentation:** Developed and maintained comprehensive documentation related to product specifications, processes, and changes, ensuring adherence to industry standards.
- Managed data related to product development and changes using **Oracle Agile** tools.
- Prepared and maintained documentation of workflows and processes.
- Collaborated with cross-functional teams to gather requirements and support business needs.
- Developed foundational skills in programming and software development life cycle

EDUCATION AND TRAINING

16/07/2019 – 10/08/2023 Thanjavur, India
B.TECH. SASTRA Deemed University

Website <https://www.sastra.edu/> | **Field of study** Mechanical Engineering | **Final grade** 7.78 CGPA | **Level in EQF** EQF level 6

SKILLS

Microsoft Office | Microsoft Word | Microsoft Excel | Microsoft Powerpoint | Python (computer programming) | Autocad | PTC Creo basics | Cpp programming language | SAP MM | Oracle Agile

PROJECTS

10/04/2022 – 20/07/2022

Ride by Wire (Automotive Control System)

- Worked on electronic throttle (Ride-by-Wire) system modeling, replacing mechanical control with electronic control logic
- Used MATLAB/Simulink to remap ECU control strategies for improved efficiency and responsiveness
- Developed understanding of automotive ECUs, sensor-actuator interaction, and control algorithms, relevant to EV powertrain and drive-by-wire technologies

“Performance Analysis of Charging Station of Electric Vehicle Based on IoT”

- Designed and simulated an EV charging station integrated with solar-powered microgrid and conventional grid using MATLAB/Simulink
- Analyzed load demand, energy flow, and charging performance of EV batteries under varying environmental and grid conditions
- Implemented IoT-based source switching logic to alternate between renewable and grid power for optimized energy utilization
- Evaluated system performance using comparative simulation parameters to maximize renewable energy usage
- Gained practical exposure to EV charging infrastructure, energy management systems, and sustainable mobility concepts

20/06/2024 – 14/08/2024

Safety Systems & Monitoring for Industrial Environments

- Studied safety systems, risk assessment, and environmental monitoring and designed a device called Equipminder and Smart hook especially for Oil rigs and oil refineries environment
- Gained exposure to real-time monitoring concepts, applicable to EV battery safety, charging station monitoring, and industrial automation

VOLUNTEERING

Chennai

Worked as a stand supervisor at M.A. Chidambaram stadium

- Managed crowd safety, operations, and coordination during IPL and Cricket World Cup events
- Ensured compliance with safety regulations and handled on-ground issue resolution

LANGUAGE SKILLS

Mother tongue(s): TAMIL

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
KANNADA	A2		A2	A2	
MALAYALAM	A2		A2	A2	

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DRIVING LICENCE

- Driving Licence: AM
- Driving Licence: A1
- Driving Licence: A2
- Driving Licence: A
- Driving Licence: B

All the above information is correct up to my knowledge and I bear the responsibility of the correctness.

Bangalore , 07/02/2026

N. Athithya

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