
Naren S Mahadevan

D1, Nahar Villa, 21, North Mada Street,
Thiruvanmiyur, Chennai – 600041.

+91 93848 31713

narens1302@gmail.com

[linkedin.com/in/naren-mahadevan-63a628192](https://www.linkedin.com/in/naren-mahadevan-63a628192)

CAREER OBJECTIVE

Enthusiastic and detail-oriented aspiring engineer seeking to learn and excel in an exciting corporate environment which will provide scope to explore my innovative skills.

TECHNICAL & FUNCTIONAL SKILLS

- Digital Freight Forwarding platform (WIZ portal)
- iFACT portal
- M+R PRS portal
- MS Office Suite
- Python & SQL (Basic)
- Matlab

SOFT SKILLS

- Teamwork
- Analytical skills
- Communication skills

EDUCATION

| Institution | Year | Course details |
|------------------------------------|-----------|--|
| VIT University, Chennai Campus | 2019-2023 | BTech degree in ECE CGPA: 7.23 |
| Sri Sankara Sr Sec School, Chennai | 2018-2019 | XII (Senior Secondary) MPC BioTech Percentage: 90.6% |
| Sri Sankara Sr Sec School, Chennai | 2016-2017 | X (Secondary) CGPA: 8.8 |

PROFESSIONAL EXPERIENCE

| Company | Duration | Role | Responsibilities |
|-------------|------------------------|---------------------------|--|
| WIZ Freight | Aug 2023- Till date | Corporate Sales Executive | <ol style="list-style-type: none">1. Securing business from current clients.2. Work with operations to analyse the business GP and costs for the company.3. Confirmed bookings report - P&L analysis.4. MBL & HBL filing. |

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| | | | <ol style="list-style-type: none"> 5. Rates negotiation with liners. 6. E-invoicing error resolution. 7. Late ETA/ETD reporting. 8. CT-PAT process flow & Fin-Ops process gap study. 9. IATA cost filing. 10. Accounts and Nomination shipments. 11. Customer On-boarding, adding port and vessel masters and EDI data transfer. 12. WIZ portal training to new joiners. |
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CERTIFICATIONS

- Getting Started with Data Analytics on AWS
- VLSI Design Methodologies
- Introduction to the Internet of Things and Embedded Systems
- Mastering Digital Twins

ACADEMIC PROJECTS

- **Password Based Door Lock System**
Using Arduino, servo motor and a 4x4 keypad the circuit was completed. The Arduino was coded in such a way that the door can be opened by the user when the right code was given and can press a certain button to lock it when they desire.
- **Relationship between CNTs & temperature**
Using a simulation tool, the change in properties by altering parameters like voltage, current and the temperature were observed.
- **Automatic Headlight Switcher**
Using LTSpice the circuit for an automatic headlight switcher was achieved and the characteristics and working was observed.
- **Maximum Power point tracking in Solar Panels**
Using particle swarming and perturb and observe MPPT methods optimization of the MPPT in solar panels was observed.
- **Free Educational Tool – Website**
The website contained a database full of books and audio books which passed the duration for rights of copyright.

- **Liquid Level Control System**
Using proteus and MATLAB a liquid level control system was implemented and simulated which helped gain insight on how the control system of the system.
- **Facial Recognition Based Door Lock System**
The door lock system which used facial recognition was done using esp32 cam and was coded in for letting only the right face to unlock the door.
- **Pattern Searching on DNA nucleotide bases**
Using pattern search algorithms KMP and Boyer-Moore pattern searching and identifying of certain patterns input by the user was found and a website for this feature was implemented for the public use of these features.
- **Bluetooth Based Robotic Arm**
A robotic arm with 6 degrees of freedom was made using 3D printed components for parts and an app was used to control the robotic arm to reach difficult to reach places.
- **Linux Operating System from scratch**
Using Rust, the Linux Operating system was created with some of its features implemented.
- **Comparison of Canny and Sobel Edge Detection Algorithms**
The features, accuracy and noise percentages were measured and observed of these edge detection algorithms using the reference of the same images run in both the edge detection algorithms.

FIELD OF INTEREST

- Business Analysis
- Market Research
- Embedded system design

NON-SCHOLASTIC ACTIVITIES

- Music
- Theatre
- Passionate sportsperson. Was in school Cricket & Football teams.
- Languages known - Hindi, English, Tamil, French, Sanskrit

REFERENCE

Azaan Nazer,
Deputy General Manager,
E-mail: azaan.nazer@wizfreight.com
Phone: +91 9605658996

Mr. YY Narayanan
Vice President, Infosys,
Phone: +91 98409 85245