

# NARENDRAN VELAGA

Bengaluru, Karnataka

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## About

I am a **Full-Stack Developer** with extensive hands-on experience in creating responsive web applications. My expertise encompasses technologies such as **React**, **Node.js**, **Express**, and **MongoDB**, along with proficiency in enhancing user experience through design improvements and real-time features. I have successfully designed **scalable** full-stack projects and **contributed** effectively to production-grade code during my internship

## Education

**Dayananda Sagar College of Engineering**

*Bachelor of Engineering in Information Science (CGPA - 8.62)*

**Nov. 2022 – Present**

*Bangalore, Karnataka*

**Little Woods School**

*PCM (CBSE) – Higher Secondary (Senior School) (85.4%)*

**May 2021 – April 2022**

*Kakinada, Andhra Pradesh*

## Technical Skills

**Languages:** C, C++, HTML/CSS, JavaScript, TypeScript, EJS, Python

**Databases:** SQL, MongoDB, PostgreSQL

**Developer Tools:** Git(GitHub, GitLab), VS Code, Jira, Postman

**Libraries & Frameworks:** React, Node.js, Express, REST API, Tailwind CSS

## Experience

**StackZero**

**July 2025 – November 2025**

*Web Development Intern*

[stackzero.in](https://stackzero.in)

- Contributed to **resolving front-end bugs** in a production-grade **React** codebase, using **Git** for version control and effective collaboration within a multi-developer environment.
- Participated in **daily Scrum** meetings and collaborated closely with team members during **Agile sprint cycles** to plan, develop, and ship new features under tight deadlines.
- Assisted in designing and developing the **Dreamz Designz** website, focusing on creating an engaging, responsive, and user-friendly interface.

## Projects

**SchedulAI - AI Task Manager** | *MongoDB, Express.js, React.js, Tailwind CSS*

[GitHub](#)

- Built a full-stack task management application on the **MERN** stack that provides **AI-powered** scheduling, smart task grouping into "focus sessions," and a fully responsive, installable PWA interface for seamless offline use with IndexedDB.
- Implemented secure authentication with **JWT** and **bcrypt**, complete CRUD for tasks, and handled concurrent backend/frontend service challenges to ensure seamless real-time operations.

**AutoCare Hub - Vehicle Maintenance Service** | *Node.js, Express, EJS, SQLite3*

[GitHub](#)

- Built a full-stack web application for **booking vehicle maintenance services** with secure user authentication (**bcryptjs**), structured profiles, booking history, and a responsive **EJS**-based frontend using reusable components.
- Implemented MVC architecture with modular routes, controllers, and **SQLite** models; resolved session persistence challenges in multi-service selection by managing query parameters and storing service IDs in sessions.

**Whisper App - Real-time Chat App** | *MongoDB, Express.js, React.js, Socket.IO*

[GitHub](#)

- Developed a full-stack real-time chat app on the **MERN** stack with private and group conversations, secure authentication, responsive UI, search, chat previews, modals, and toast notifications using **React** and **Tailwind CSS**.
- Integrated **Socket.IO** for live messaging, typing indicators, and chat room updates; resolved race conditions in message delivery and user status sync with client-side state checks and debounced socket events.

## Certifications

- The Complete Full-Stack Web Development Bootcamp** – Udemy (2025) [Certificate](#)
- Cloud Computing** – NPTEL (2025) [Certificate](#)

## Extracurricular

- Secured **Top 2%** rank in the NPTEL **Cloud Computing** certification exam.
- Collaborated in a 4-member team to develop a **Test Paper Evaluator** for department teachers.