

# Nandhakumar S

MERN Stack Developer

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## PROFESSIONAL SUMMARY

I'm a passionate MERN Stack Developer and UI/UX Designer with 1 year of hands-on experience building full-stack web applications and intuitive user interfaces. Over the past year, I've worked on real-world projects like LMS platforms and movie ticket booking systems, contributing to both the backend and frontend. I enjoy creating clean, responsive designs using tools like Figma, Tailwind CSS, and WordPress, while also building powerful functionality with React.js, Node.js, and MongoDB. I'm a quick learner, team player, and someone who truly enjoys solving problems and creating meaningful digital experiences.

## TECHNICAL SKILLS

### Web Design & Prototyping :

- Responsive Design
- UI/UX Principles,
- Figma
- Adobe Photoshop
- Adobe Illustrator
- Wireframing,
- Prototyping,

### Frontend Development :

- HTML5
- CSS3
- Bootstrap
- Tailwind CSS
- JavaScript
- ReactJS
- PHP (basic)

### Backend Development :

- Node.js
- Express.js

### Database Management :

- MongoDB
- MySQL

### Frameworks & Libraries :

- ReactJS
- TailwindCSS

### Deployment & Cloud :

- Google Cloud Platform (GCP)
- PM2
- Domain Configuration
- SSL Setup

### Authentication :

- JWT (JSON Web Tokens)
- Google OAuth

## EXPERIENCE

### MERN STACK DEVELOPER

April 2024 - April 2025

#### WHY Global Services, Chennai

- Built scalable web platforms, including an LMS and movie ticket booking system.
- Developed and maintained responsive full-stack web applications using the MERN stack.
- Collaborated with UI/UX designers using Figma to translate wireframes into responsive designs
- Built RESTful APIs with Express.js and integrated MongoDB for dynamic data management
- Implemented secure authentication using JWT and Google OAuth with role-based access control
- Actively participated in Agile sprints, planning, and peer code reviews.
- Delivered production-ready applications with smooth deployment using Google Cloud and PM2

## INTERNSHIP

### FULL STACK DEVELOPMENT

Sep 2023 - March 2024 (6 Months)

#### WHY Global Services, Chennai

- Contributed to a Movie Ticket Booking Web Application as a live MERN stack project
- Developed real-time seat selection, user authentication, and admin panel features
- Worked with Agile methodologies and Git-based workflows
- Implemented secure login/signup using JWT and Google OAuth with MongoDB backend
- Recognized for adaptability, quick learning, and consistent technical contributions

## PROJECTS

### Online Learning Management System

[darkseagreen-mallard-325871.hostingersite.com](https://darkseagreen-mallard-325871.hostingersite.com)

Developed using the MERN Stack: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Google Cloud Platform, JWT, PM2

- Designed a full-stack LMS with course listing, user enrollment, video streaming, and progress tracking.
- Integrated admin dashboards for managing courses, users, and curriculum.
- Implemented JWT-based authentication and deployed the backend on Google Cloud VM using PM2.
- Used Google Cloud Storage for secure video hosting

### The Madras Mechanical Institute Website

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

Developed using WordPress and Elementor

- Created a fully responsive educational website showcasing detailed course information
- Customized design components and implemented SEO optimization for improved visibility and performance

## EDUCATION

### Master of Computer Application (MCA),

CGPA: 8.40

June 2020 - April 2022

Annai College of Arts and Science,  
Kumbakonam – 612 503

### Bachelor of Computer Application (BCA),

CGPA: 7.10

June 2017 - April 2020

Annai College of Arts and Science,  
Kumbakonam – 612 503

### HSC

CGPA: 5.85

June 2016 - April 2017

P.R.G.Hr.Sec.School  
Kattumannarkoil - 608 301

### SSLC

CGPA: 7.16

June 2015 - April 2016

P.R.G.Hr.Sec.School  
Kattumannarkoil - 608 301

## COURSES & CERTIFICATIONS

### PG Certificate in Full Stack Development

WHY TAP / WHY Global Services


Completed: March 2024

Covered React.js, Node.js,  
Express.js, MongoDB, GCP, and  
real-world deployment (Certificate  
ID: WHYTAP0600)

## SOFT SKILLS

- Collaborative team player with strong communication skills
- Skilled in problem-solving and debugging
- Manages time effectively under tight deadlines
- Fast learner, adaptable to new technologies

## ALF Motors – Bike & Scooter Service Website

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

Developed using WordPress and Elementor

- Designed a landing page highlighting service offerings with a booking form and chat integration.
- Ensured mobile responsiveness and optimized the user interface for a clean, professional look

## TNSTC (Tamil Nadu State Transport Corporation) Wep & App Figma

WebDesgin : <https://www.figma.com/proto/Q2f5farWc96cdz63yLtAVh/TNSTC?node-id=0-3&t=CTIUHSg5TGpWvW5m-1&scaling=scale-down-width&content-scaling=fixed&page-id=0%3A1&starting-point-node-id=0%3A3>

App: <https://www.figma.com/proto/LNfCo2aTqkb8uGe0SgjQGg/TNSTC-APP?node-id=1-2&t=kQMXO6xKrlXpJ33E-1&scaling=scale-down&content-scaling=fixed&page-id=0%3A1&starting-point-node-id=1%3A2>

Prototype Overview:

- **Homepage:** Clean layout showing bus booking, route selection, and schedule.
- **Search Flow:** Departure/arrival input, date picker, and search button.
- **Bus Results Page:** List of available buses with time, seats, and pricing.
- **Booking Details:** Passenger information and payment option page.
- **Design Style:** Simple, user-friendly UI with structured flow and fixed scaling for responsive preview.

## Coffee Shop / Café Ordering App

Figma

App: <https://www.figma.com/proto/vuPpKFAumdTRsYhhPaFeMZ/Coffee-shop?node-id=1-2&p=f&t=p3OgLzbbmMblnGXP-1&scaling=scale-down&content-scaling=fixed&page-id=0%3A1&starting-point-node-id=1%3A2&show-prot-sidebar=1>

Prototype Overview:

- **Launch & Auth Screens:** Dark coffee bean background with clear CTAs for Login and Sign Up.
- **Home Screen:** A bright layout featuring coffee categories, highlighted items, and a bottom navigation bar for easy access.
- **Product Detail Page:** Let users select coffee type, size, quantity, and add items to the cart.
- **Order & Payment Flow:** Includes Review Order and Payment Method screens before placing the order.
- **Order Confirmation:** A stylish “Thank You” screen confirms a successful order with coffee visuals.

Place :

Nandhakumar S

Date :

Signature