

Maresh Theril

Full Stack SaaS ERP Developer | CRM & RBAC Specialist | AI-Ready Architecture

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Freelancer - Global Clients | SaaS ERP, CRM, RBAC, AI Integration

Professional Summary

Experienced Full Stack Developer (15+ years) specializing in SaaS ERP, CRM, and RBAC systems with a strong foundation in .NET, NestJS, and React. Expert in multi-tenant architecture, modular ERP design, and enterprise automation. Currently developing a full-scale SaaS ERP platform integrating CRM, Leads Management, and Role-Based Access Control - powered by AI and scalable cloud deployment.

Core Technologies

Frontend: React, Next.js, Tailwind, Android

Backend: .NET 8, ASP.NET Core, NestJS, Node.js

Database: PostgreSQL, MSSQL Server, SQLite

Architecture: Multi-Tenant SaaS, Microservices, REST APIs, RBAC

DevOps: Docker, Render, Vercel, GitHub CI/CD

Other Tools: Visual Studio, VS Code, Postman, SSRS

Current Work (2021 - Present)

Freelance SaaS ERP Developer | Global Projects

- Architecting a multi-tenant SaaS ERP platform with modules for Accounting, HRM, Inventory, CRM, and Leads Management.
- Implementing Role-Based Access Control (RBAC) and Tenant Isolation using PostgreSQL schema separation.
- Building CRM with Lead Pipeline, activity tracking, and AI-assisted communication.
- Integrated microservices architecture with NestJS + .NET hybrid APIs.
- Added subscription management, custom reporting, and dashboard analytics.
- Designed responsive UI with Next.js and TailwindCSS for admin and client portals.
- Deploying on Render Cloud with secure CI/CD and domain-based tenant routing.

Previous Experience

Renova Innovations, Nilambur - Senior Software Developer (2018-2020)

Freshco Hypermarket, Bengaluru - Software Developer (2017-2018)

iPostek Solutions, Calicut - Senior Programmer (2016-2017)

Liserhive Technologies, Calicut - Senior Programmer (2015-2016)

HiTech Agencies, Bengaluru - In-House Developer (2010-2014)

Education

Diploma in Electronics & Communication - Kerala Govt. Polytechnic College, Thirurangadi

Languages

English, Malayalam, Hindi, Kannada, Tamil

Interests

AI-driven development, system design, reading, football, and travel.