

Mahesh Theril

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Freelance Full Stack Developer - SaaS ERP, POS & Accounting Systems, AI-Driven Solutions

Professional Summary

Experienced Full Stack Developer (15+ years) specializing in SaaS ERP, POS, and Accounting systems with deep expertise in .NET, NestJS, and React. Proven record in designing and delivering enterprise-grade, multi-tenant ERP platforms with robust POS, Inventory, and Financial Accounting modules. Skilled in modern web architectures, microservices, and AI-assisted ERP extensions for real-time insights and automation.

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, POS Integration

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 POS and Accounting as core modules.
- Implementing complete ledger-based accounting with journals, P&L, and balance sheet.
- Designing POS billing for retail, hypermarket, and wholesale clients with offline sync.
- Building modular ERP components: CRM, Inventory, HRM, and Subscription management.
- Integrated hybrid APIs with NestJS and .NET for high performance and scalability.
- Responsive admin and POS UI using Next.js + Tailwind.
- CI/CD deployments on Render Cloud with tenant-based domain isolation.

Projects Highlight

1. SaaS ERP Platform (Freelance, 2023-Present)

Built a full multi-tenant ERP with POS and Accounting at its core. Includes Inventory, CRM, HRM modules.

Stack: .NET 8, NestJS, React, PostgreSQL, Docker, Render.

Highlights: POS billing, ledger accounting, subscription & multi-tenant management.

2. Freshco ERP with POS (Bengaluru, 2017-2018)

Developed an offline ERP + POS system for hypermarket operations.

Stack: VB.NET, MSSQL, SSRS.

Modules: Finance, Inventory, Production, Sales, Purchase, CRM, HRM.

3. iPostek ERP (Calicut, 2016-2017)

Enterprise ERP with integrated Accounting, Payroll, Sales, and CRM.

Stack: VB.NET, MSSQL Server, Telerik Winforms.

Role: Team Lead cum Programmer.

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

POS innovation, system design, AI-driven ERP automation, reading, and football.