

Jinson E B *Software Engineer – .NET | Angular*

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Professional Summary

Full Stack Engineer with 2+ years of experience in building secure, scalable web apps using .NET Core and Angular 16+. Proficient in creating clean and persistent APIs, and responsive UI development. Strong grasp of OOP, data structures, and CI/CD with Docker. Familiar with event-driven architectures, browser internals, and low-latency design.

Professional Experience

Software Engineer

Assuretech Business Solutions

Sep 2023 – present
Trivandrum, Kerala

- Worked with stakeholders across a **30-member** cross-functional team to align backend integration, API delivery, and frontend dashboard design with stakeholder requirements and customer needs.
- Acted as **Designated Responsible Individual (DRI)** for critical production systems, ensuring high availability and rapid issue resolution for a **Dubai-based client**.
- Improved system performance through real-time **monitoring**, data-driven development and iterative experimentation, boosting sync efficiency by **85%** and reducing API errors by **90%**.
- Focused on delivering scalable systems that directly improved customer experience and reduced delivery failures.
- Experienced in optimizing backend systems interacting with mobile and real-time applications.

Software Engineer Intern

Eduzell IT Solutions

Mar 2023 – Jun 2023
Kochi

- Built dynamic UI components and contributed to frontend scalability using **React and JavaScript**.

Skills

Programming Languages

C#, TypeScript / JavaScript

Frameworks & Technologies

Angular, NextJS, .NET MAUI

Databases

Relational Database [Oracle]

Non-relational Database [Firebase, Redis]

Backend Development

.NET Core, .NET Framework

Cloud & DevOps

Cloud Server [AWS]

Version Control [Git & TFS]

Platforms [Github, Docker]

Projects

Enterprise Data Integration Service

Assuretech | .NET Worker Service, Oracle Database

- Led and collaborated with a team of 4 engineers to deliver a mission-critical data integration solution for a Dubai-based client
- Architected and implemented RESTful APIs that efficiently extracted data from Oracle databases, resolving complex issues through methodical coding and validation techniques
- Established robust backend architecture including standardized database procedures, comprehensive error handling, and advanced logging systems for optimal monitoring and troubleshooting.
- **Improved data synchronization efficiency by 65% and reduced processing errors by 50%**, resulting in significant enhancement to customer satisfaction metrics
- **Implemented automated testing protocols ensuring 99.8% API uptime** and data integrity across the integration pipeline

Enterprise Project Management Automation

Assuretech | .NET Framework, Oracle Database

- Designed and implemented three critical modules in the company's Project Management System to streamline client engagement and payment workflows
- Engineered an **end-to-end automation solution** that transforms client proposals into orders and generates milestone-based invoices, eliminating manual processing errors
- Collaborated on written **technical documentation** of the process while addressing hardware compatibility issues to meet customer needs
- **Reduced payment collection cycle time by over 90%** and eliminated invoice generation errors, directly improving performance of company cash flow and client satisfaction

Mobile Application

(.NET MAUI, .NET Core, Oracle)

- Built two cross-platform mobile application that replicated core functionalities of our products Human Resource Management Systeem and our General Insurance Core System.
- Architected and implemented a comprehensive mobile backend infrastructure with **JWT token validation**, using C# to ensure cross-platform compatibility.
- **Developed three distinct API services following RESTful architecture principles** to securely facilitate data exchange between client applications and core database systems.
- Implemented the business logic using procedures in database itself, **improving the system efficiency and latency by over 60%** than the Core System.

HRMS Core Migration

(.NET Core, Angular, Docker, AWS)

- Led modernization of a legacy monolith to a **modular microservice architecture** using Angular and .NET Core APIs.
- Created the API Source using latest **.NET Core - Entity Framework** pattern
- Containerized backend services with **Docker** and deployed to **AWS**, achieving faster horizontal scaling.
- Integrated secure **JWT-based** session handling and improved API response latency by **80%**.

Languages

English



Malayalam



Hindi

