

# NISHANTH SIVA BALAKRISHNAN

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## PROFESSIONAL EXPERIENCE

- 4.6 years of experience as a Full Stack Software Engineer, with a focus on designing and developing web-based applications using **Angular**, **.NET Core**, and **SQL Server**.
- Strong expertise in **SQL Server** and ability to write complex Queries and Stored Procedures.
- Integrated authentication, authorization, and role-based access control (**RBAC**).
- Proficient in **cloud-native** development using **Azure**.
- Proficient in using **Azure Git/TFS** for version control and **CI/CD** integration using **Azure Dev Ops**.
- Led end-to-end project development, from planning and architecture to deployment and maintenance, ensuring robust and scalable solutions.
- Actively participated in Agile development methodologies, including sprint planning, daily standups, and retrospective meetings.
- Azure Document Intelligence**: Implemented a proof of concept on **Azure Document Intelligence**, leveraging its capabilities to automate and enhance document processing and data extraction workflows.

## CAREER TIMELINE

Infosys	Senior Associate Consultant	MAR 2025 - FEB 2026
Optisol Business Solution	Software Engineer	OCT 2022 - MAR 2025
Optisol Business Solution	Associate Digital Engineer	SEP 2021 - OCT 2022

## TECHNICAL PROFICIENCY

Languages & Framework	C#, WEB API, ASP. Net Core, Angular, WinForms
Database	MySQL, SQL server Management Studio
ORM & Cloud Tools	Entity Framework, Logic Apps, Azure Blob Storage, Azure CI/CD Deployment, App Services, Azure data factory, OpenAI, Azure Cognitive Services, Azure Key Vault
Version Control	GIT Hub, Azure TFS, GIT, GIT Bash
Development tools	Visual Studio Code, Visual Studio
Architecture / Design Patterns	SOA (Service Oriented Architecture), Microservices, Repository Pattern

## ACADEMIC BACKGROUND

### BACHELOR OF ENGINEERING IN ELECTRONICS AND COMMUNICATION ENGINEERING,,

- B.E(ECE) | CGPA - 8.5 | MNM Jain Engineering College, Chennai - (2017-2021)

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## PROJECT PORTFOLIO

### SFCC - EMR | STEPPING FORWARD COUNSELING CENTER

Full Stack Developer | Technology: .NET CORE 3.1, ANGULAR 12, SQL SERVER, IRON PDF

- Involved in requirement collection, analysis, design, and architecture.
- Developed reusable code for different modules, improving development efficiency.
- Utilized Azure DevOps for version control and continuous integration.
- Coordinated with stakeholders to ensure alignment with business goals.
- Conducted code reviews and provided constructive feedback to team members.
- Developed and maintained RESTful API's for seamless integration with external systems.
- Participated in code reviews, providing constructive feedback and maintaining high code quality standards.

### ICRTOUCH-EFT | EPOSBUDDY,UK

Full Stack Developer | Technology: .NET Framework, WinForms, C++

- Designed and Developed: A robust application named ICRTouch-EFT using WinForms.
- Integration: Seamlessly received messages from ICRTouch (EPOS Software) via Windows System Messages.
- Payment Processing: Enabled payment transactions by interfacing with Payment providers like:
  - Clover: Utilized HTTP client for communication.
  - Optomany: Employed WCF (Windows Communication Foundation) services.
- Response Handling: Efficiently processed payment responses and relayed them back to ICRTouch.

### TEACHER'S PORTAL | OPTISOL BUSINESS SOLUTIONS,CHENNAI

Full Stack Developer | Technology: .NET CORE 6.0, ANGULAR 14, SQL SERVER

- Implemented JWT authentication and role-based authorization to secure user access.
- Secured secrets that are used in the application using Azure Key Vault.
- Reduced API call downtime through lazy loading for dropdowns and tables.
- Optimized stored procedures to improve overall application performance.
- Developed reusable code using the repository design pattern to streamline data access.
- Designed and implemented user-friendly UI components to enhance user experience.
- Collaborated with QA teams to identify and fix bugs, improving software reliability.
- Microservices Architecture : Implemented a microservices architecture by modularizing the system into distinct services based on functional modules, ensuring high cohesion and low coupling.
- Followed SOLID principles for the segregation of modules, enhancing maintainability and scalability

### K2-UPGRADE | HIROTEC INDIA

Full Stack Developer | Technology: C# , WinForms , SQL

- User Interface Development: Designed and implemented intuitive and user-friendly WinForms interfaces for various ERP modules.
  - Optimized stored procedures to improve overall application performance.
  - Modular Architecture: Developed a scalable and implemented N-Tier architecture to support different ERP functionalities, ensuring ease of maintenance and future enhancements.
  - Collaborated with QA teams to identify and fix bugs, improving software reliability.
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## EDGE | WORLD BANK GROUP

Full Stack Developer | Technology: .Net Core Web API, Angular 12, RDLC, MS-SQL

- Designed, developed, and maintained scalable RESTful APIs using .NET Core Web API following clean architecture and SOLID principles.
- Integrated RDLC reports for generating downloadable and printable reports and certificates with dynamic parameters and data sources.
- Worked closely with business analysts and stakeholders from the World Bank Group to understand functional requirements and translate them into technical solutions.
- Collaborated with QA teams to identify and fix bugs, improving software reliability.
- Participated in code reviews, providing constructive feedback and maintaining high code quality standards.
- Supported deployment activities and provided post-production support and bug fixes.
- Actively involved in performance tuning and troubleshooting production issues.

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## AWARDS & RECOGNITIONS

- Received 2 **Insta Awards** for Outstanding Development Performance in Infosys.
- Received 3 **Spot Awards** for sustained work efficiency and '**Living our Values**' Award from Optisol.
- Consistently earned numerous Glint recognitions for outstanding performance throughout tenure from Optisol.

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## CERTIFICATIONS

- **Microsoft AZ - 400**
  - **Microsoft AZ - 204**
  - **LinkedIn** - Angular Essential Training (NOV 2021)
  - **Udemy** - Azure DevOps CI/CD pipelines (JAN 2023)
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