

SURYA KUMAR R

+91 6382421795 • suryakumarradhakrishnan@gmail.com • Chennai, Tamil Nadu, India
[LinkedIn](#) • [GitHub](#) • [Portfolio](#)

PROFESSIONAL SUMMARY

Results-driven Full Stack Developer with 2.7+ years of experience building and modernizing enterprise applications using .NET Core, ASP.NET Core, NestJS, React.js, and Angular. Proven ability to design and integrate RESTful APIs, implement payment gateway solutions including Stripe, Authorize.Net, and NMI, and execute complex legacy migrations from VB6 to modern .NET platforms. Adept at working with SQL Server and PostgreSQL in Agile Scrum environments, delivering scalable, secure, and maintainable software across healthcare, fintech, and SaaS domains.

TECHNICAL SKILLS

Backend: .NET Core, ASP.NET Core, ASP.NET MVC, C#, Web API, REST APIs, NestJS, Node.js, Express.js

Frontend: Angular, React.js, JavaScript, TypeScript, HTML5, CSS3, Bootstrap, jQuery

Databases: SQL Server, PostgreSQL, MySQL, MongoDB

Authentication & Security: JWT Authentication, Supabase Authentication, PCI Compliance

Payment Gateways: Stripe, Authorize.Net, NMI

Testing & Quality: Unit Testing, xUnit, Code Coverage, Debugging

Tools & Methodologies: Git, GitHub, Jira, Azure DevOps, Postman, Swagger, Agile Scrum, SDLC

PROFESSIONAL HIGHLIGHTS

- Led VB6-to-.NET migration for a healthcare insurance modernization platform, converting legacy desktop forms, business logic, and workflows to modern .NET Windows Forms with full unit test coverage and post-deployment stabilization support.
- Architected and executed a payment gateway transition from Authorize.Net to Stripe and integrated NMI processing within a SaaS virtual number management platform, ensuring PCI-compliant, uninterrupted billing operations.
- Contributed to a large-scale backend modernization initiative, migrating core business logic from ASP.NET Core to NestJS microservices while implementing Supabase and JWT-based authentication for enhanced security.
- Engineered real-time capabilities using Socket.IO for a live cricket management platform and built end-to-end tournament, team registration, and scoring APIs while providing technical guidance to junior developers.
- Developed enterprise-grade Angular modules with role-based approval workflows, notification systems, and task management features for a Land Acquisition Management System built on Express.js APIs.

PROFESSIONAL EXPERIENCE

Junior Programmer Analyst | Thapovan Info Systems

Aug 2024 – Present

Virtual Number Management Platform (Vumber & Phoner)

- Developed Promo Code Management, Billing Hold, and Popup Banner Management modules for a multi-tenant SaaS platform serving virtual number subscribers.
- Executed a payment gateway migration from Authorize.Net to Stripe and integrated NMI payment processing, improving billing reliability and expanding payment options.
- Contributed to backend modernization by migrating business logic from ASP.NET Core to NestJS and implemented Supabase Authentication alongside JWT-based authorization for secure API access.
- Worked across the full stack using Angular and ASP.NET Core, with SQL Server and PostgreSQL as primary data stores, within an Agile Scrum delivery framework.

Healthcare Insurance Modernization Platform

- Migrated legacy VB6 desktop applications to .NET Windows Forms, converting UI components, business logic, and workflows while resolving platform-specific compatibility issues.
- Performed unit testing and code coverage validation using xUnit and supported deployment pipelines and post-migration production stabilization.

Land Acquisition Management System

- Built Angular-based front-end modules with workflow-driven lead management, role-based approval processes, and integrated notification and task management features.
- Developed and maintained Express.js REST APIs, performed package upgrades, and resolved functional bugs to improve system stability.

Real-Time Cricket Management Platform

- Developed Organization and Tournament Management modules with team registration, approval workflows, and live scoring APIs integrated with Socket.IO for real-time updates.
- Provided technical direction to junior developers during feature implementation and contributed to code quality and best practice adherence.

.NET Developer Intern | Thapovan Info Systems

May 2024 – Jul 2024

E-Commerce Management System

- Developed ASP.NET Core MVC modules covering product management, shopping cart, checkout workflow, and admin controls, with SQL Server stored procedures for data operations.
- Implemented CRUD operations and applied structured debugging and exception handling practices to ensure application stability.

Front-End Developer Intern | Aspire Systems

Jan 2023 – Mar 2023

Online Bus Reservation System (OBRS)

- Designed and developed Angular-based booking workflows encompassing login, bus search, seat selection, passenger information capture, and automated ticket generation.
- Integrated database-driven booking processes and participated in end-to-end testing and bug resolution to ensure a reliable user experience.

EDUCATION

Bachelor of Engineering – Computer Science and Engineering

2023

GRT Institute of Engineering and Technology | CGPA: 8.87

Higher Secondary Certificate (HSC) – Bio Mathematics

2019

MSP Solai Nadar Memorial Hr Sec School

Secondary School Leaving Certificate (SSLC)

2017

Vidhya Parthi Hr Sec School