# Sankarshan Ramesh

## FULL STACK .NET DEVELOPER

✉ sankarshan24@outlook.com 🌐 https://sankarshanramesh.github.io

## SUMMARY

- Motivated, skilled and result oriented professional with over 8.5+ years of experience in developing web applications.
- Hands on experience in .NET Core, Angular (v2, v10, v15, v18), Azure, MVC, REST API, C#, SQL Server, MongoDB, NodeJs, ABP Framework and ASPNET Zero Framework.
- Experience in designing and developing RESTful APIs and Microservices using ASP.NET Core Web API, enabling seamless communication between front-end and back-end systems.
- Experience in developing Single Page Application (SPA) using Angular framework.
- Experience in designing and developing solutions leveraging Azure cloud services.
- Experience in writing Terraform scripts for automating provisioning of cloud services.
- Collaborated with cross-functional teams to gather requirements and translate business needs into technical solutions, contributing to the successful completion of projects on time.
- Strong problem-solving abilities and a collaborative mindset, consistently delivering high-quality solutions within project timelines.
- Experience in an Agile Scrum team following the best practices on Software Craftsmanship such as Test-driven development, daily stand-ups, planning, refinements, retrospective, pair programming/peer reviews.
- Demonstrated ability to complete projects in a challenging and fast paced environment where deliverable are met on time with good code quality.
- Excellent ability to explore, learn and understand newer business domains and technologies.
- Awarded of "Snap Award" from Nous Infosystems for exemplary commitment to work and excellent customer understanding in Jan 22, Sep 22 and Dec 22.

## SKILLS

- **Microsoft Technologies:** .Net Framework, .NET Core, C#, MVC, Web API, Entity Framework Core, ADO.NET
- **Frameworks & Libraries:** Angular (v2, v10, v15, v18), JavaScript, jQuery, HTML 5, Kendo UI, ABP, ASPNET ZERO Framework
- **Database:** Sql Server, MySql, MongoDB
- **Version Control:** GitHub, Azure Repos, TFS
- **Cloud Computing Service:** Microsoft Azure (App Services, Functions, Storage , Sql Database, Active Directory, DevOps, App Insights, Key Vaults, Redis, APIM, Service Bus, Container Apps, Web Jobs)
- **SDLC:** Agile (Scrum)
- **IDE:** Visual Studio, Visual Studio Code
- **Code & Issue Tracking tools:** Azure DevOps, JIRA
- **IAC :** Terraform

## EXPERIENCE

Senior Software Engineer
### NOUS INFOSYSTEMS
- Mar 2021 – Present                                                                                          Bangalore, India

Worked on multiple web applications related to Rental,Real Estate, Insurance and Golf domain for various clients.

### Responsibilities

- Designed and developed RESTful APIs, Microservices using ASP.NET Core Web API.
- Implemented user-friendly front-end interfaces using Angular.
- Integrated Azure Blob Storage for handling and serving static assets, optimizing application performance.
- Implemented authentication and authorization mechanisms using Azure Active Directory to secure applications and

protect sensitive data.
- Developed server-less functions with Azure Functions to perform event-driven tasks, reducing infrastructure costs and improving application responsiveness.
- Leveraged Azure App Services to deploy and manage web applications, maintaining high availability and scalability.
- Worked with Azure SQL Database, ADO.NET and EF Core for efficient data storage, retrieval, and manipulation.
- Integrated third-party APIs and services to extend application functionalities and enhance user experience.
- Utilized Azure monitoring and diagnostics tools to proactively identify and address performance bottlenecks and application issues.
- Created database tables, stored procedures and views according to the requirements.
- Leveraged Terraform to automate provisioning of cloud services.
- Implemented CI/CD pipelines with Azure DevOps, enabling automated builds, testing, and deployment, streamlining the development process.
- Collaborated with cross-functional teams to ensure effective project delivery and seamless integration of various components.
- Actively participated in code reviews, ensuring adherence to coding standards and identifying areas for improvement.
- Resolved all reported customer issues regarding app-based and software solutions. Provided prompt attention to issues and tested and delivered software patches as needed.

## Environment

.NET 6/7/8 API, C#, Azure, Angular 10/15/18, Typescript, Kendo UI, ABP Framework, ASPNET ZERO Framework, EF Core, Dapper, ADO.NET, Sql Server, MySql, MongoDB, Azure DevOps, Mapbox, Google Maps API, Leaflet maps, TurfJs, NodeJs, Git, xUnit, Telerik Reporting.

---

## Software Engineer
### FIRST AMERICAN INDIA
- Jun 2019 – Feb 2021                                                                                              Bengaluru, India

## Project Description

First American Title Insurance Company facilitates and streamlines real estate transactions by providing comprehensive title insurance protection professional settlement services.

First American uses FAST as in-house developed transaction system, which manages and tracks the entire process of issuing Title Insurance.

## Responsibilities
- Implemented Azure AD SSO login.
- Developed unit tests and integration tests using frameworks xUnit, ensuring the reliability and stability of the Web API.
- Conduct daily stand-up meeting and retrospection at the end of iteration.
- Worked on enhancement and bug fixes.
- Worked on security fixes reported by Veracode static and dynamic scan.
- Implementation and maintenance of Solr search and Web API for multiple applications.
- Enhancement of API to support other applications and real time sync of data.
- Development of ETL tool which is a web application developed with Angular for indexing the data of different environment databases to the Solr collections to support Solr search for multiple environments of multiple applications.
- Creating Build and Release pipelines for the deployment of Solr and Web API.

## Environment

.NET Webforms, MVC 5, JavaScript, Web API, Angular 8, Typescript, IIS Server, Git, C#, .Net Core, ADO.NET, SQL Server, Azure DevOps, Solr search, xUnit.

---

FULL STACK DEVELOPER
**COSMONET SOLUTIONS PRIVATE LIMITED**

- May 2016 – April 2019                                                                                              Bengaluru, India

### Project Description

Developed a comprehensive hospital management system that streamlined administrative tasks, patient management, and medical records. Implemented features such as appointment scheduling, billing and invoicing, inventory management, and real-time patient monitoring, ensuring efficient operations and improved patient care.

### Responsibilities

- Working with designers in design ideation and reviews.
- Created reusable components by designing user interface controls with the Kendo UI controls, generating reports with Telerik Reporting and writing client-side AngularJs and Angular 2 code to ensure a responsive web application.
- Created database tables and stored procedures according to the requirements.
- Implemented methods for performing CRUD operations in Web API.
- Improved data retrieval time of multiple reports by implementing a data access layer using stored procedures, views, and functions. Analyzed the system to identify and optimize performance bottlenecks.

### Environment

AngularJS and Angular 2, Ag-grid, JavaScript, Typescript, CSS, TFS, C#, IIS Server, .Net Framework 4.5, MVC, Entity Framework, SQL Server, WebAPI, Kendo UI and Telerik Reporting.

---

# EDUCATION

Bachelor of Engineering in Information Science 2015
**Visvesvaraya Technological University, Karnataka, India**