



**Shrivatsa Rao**

Software Engineer

* Software Engineer with 3+ years of experience in full-stack development, platform design and low-code solutions.
* Proficient in Node.js, .NET, and Angular for building scalable APIs and dynamic web applications.
* Hands-on expertise in Kong API Gateway for managing services, configuring plugins, and securing endpoints.

**PROFESSIONAL SUMMARY**

**AREA OF EXPERTISE**

* NodeJs/.NetCore
* AngularJs
* OutSystems
* Docker/Kubernates
* KongApiGateway

**TECHNICAL QUALIFICATIONS**

* **Front-End:** Angular
* **Back-End:** Node.js, .NET Core
* **Low-Code Platform:** OutSystems
* **API Gateway**: Kong Enterprise
* **CI/CD**: Github Actions, Azure
* **Databases**: Microsoft SQL server, PostgreSQL.
* Developed RESTful APIs using **.NET Core** and **Node.js**, integrating with SQL Server and PostgreSQL databases.
* Built responsive, dynamic UI components in **Angular**, focusing on form handling and API integration.
* Designed and deployed scalable backend services using NodeJs, enabling efficient data processing and third-party integration.

**EDUCATIONAL QUALIFICATIONS**

Sahyadri College of Engineering and Management, Adyar, Mangaluru, Dakshina Kannada

* Created business workflows and role-based UI logic using **OutSystems**, delivering web and mobile solutions faster.
* Configured and managed **Kong Gateway** in GCP using Kong Ingress Controller (KIC) for multiple environments.
* Automated **Kong plugin** setup (JWT, ACL, rate limiting) as part of the CI/CD pipeline with GitHub Actions.
* Collaborated across teams to integrate microservices, APIs, and low-code apps, streamlining platform functionality.

**CERTIFICATES**

* Kong Gateway Certified Associate
* Angular- The Complete Guide
* Learn To Build Microservices Driven App Using NodeJs

**WORK EXPERIENCE**

**Novigo Solutions *-***

**Project details:**

**PROJECT 1: Nyletech**

* Led the implementation of API management solutions using Kong for vehicle tracking and transport management.
* Deployed services in Kong using Swagger files and automated the process with Bash scripts integrated into the Azure pipeline.
* Designed high-availability architectures to ensure API reliability and performance.
* Automated API deployment through CI/CD pipelines, improving efficiency.
* Collaborated with teams to integrate APIs with applications and services.
* Monitored and optimized API performance, ensuring smooth functionality.

**PROJECT 2: Petro Hub**

* Installed and configured Kong as a robust API gateway for managing services.
* Seamlessly integrated services with Kong for efficient traffic management and routing.
* Implemented strong security measures through authentication and authorization mechanisms.
* Configured load balancing in Kong to distribute traffic evenly across services.
* Automated API deployment and management processes using CI/CD pipelines for faster delivery.

**PROJECT 3: STC**

* Developed APIs using Node.js to facilitate communication between services.
* Wrote complex SQL queries in PostgreSQL to handle data retrieval and manipulation.
* Used GitHub for version control in the development process.
* Tested APIs and debugged issues through logging and response analysis.
* Gained practical experience in API development and database management with exposure to Node.js.

**PROJECT 4: Developed RESTful APIs for Country and State Management Using .NET**

**Core**

* Created a .NetCore project to implement basic RESTful APIs for managing country and state data.
* Designed and developed APIs for CRUD operations on country and state entities.
* .Levereged Entity Framework Core for seamless interaction with underlying database.
* Implemented proper routing, request validation,and error handling to ensure API reliability and usability.
* Gained hands on experience with .Net core API development, database intergration, and appplication design.

**PROJECT 5: Designed and Developed Angular Applications for Dynamic and Web Interfaces**

* Designed components, services, and modules to ensure a modular and maintainable architecture.
* Intergated APIs into Angular applications for seamless communication with backend services.
* Utilized Angular’s two way data binding, and directives, and routing to enhance user interactivity and navigation.
* Gained hands on experience in building scalable frontend solutions using Angular.

**PROJECT 6: Building Scalable Applications with OutSystems**

* Developed and delivered web applications using the Outsystems low-code platform, ensuring rapid development and high maintainability.
* Designed and modeled data entities, relationships, and business logic using Outsystems visual modeling tools.
* Built responsive UI screens using Outsystems UI framework.
* Used role-based access control(RBAC) and conditional UI rendering to manage-permissions and user experiences.
* Implemented User actions and conditional logic to meet specific business requirements.
* Performed debugging and performance tunning using Outsystems Service Studio and Service Center.