



# VIGNESH MANOHARAN


Full Stack Developer | .NET, JAVA


Highly motivated Software engineer with 5+ years of experience in solving real-world problems. Looking for a organization where I can demonstrate and develop my skills. Passionate to work in a challenging position with talented people.



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## PROFESSIONAL EXPERIENCE

### Senior Programmer Analyst - Roles and Responsibilities

Zifo RnD Solution | 15-11-2022 | Present

- Designed, Developed, and maintained 30 integrations between major systems (IDBS, GSK, ZIFO) using Java Spring Boot within an Agile methodology, demonstrating strong expertise in integration development.
- Led a team of 6 people and served as the Technical lead, successfully managing multiple projects over a one-year period.
- Took ownership of complete lifecycle of API development, adhering to GSK standards, from initial architectural approval to comprehensive test case documentation, leveraging .NET Core 6.0. Demonstrated expertise in constructing resilient and scalable APIs, ensuring adherence to A+ vulnerability standards.
- As the API team representative in PI (Program Increment) planning, I have consistently assumed the responsibility of evaluating and committing tasks, while also addressing non-committed tasks. Throughout the past quarters, I have been instrumental in ensuring the delivery of APIs in accordance with the established standards. Completed Scaled Agile Certification: 5-Sep-2022 to 5-Sep-2023
- In my role, I actively engage in effective communication with product owners to gather requirements and understand their needs. I am responsible for planning tasks within sprints, ensuring the timely development of APIs. Additionally, I participate in conducting demos and successfully deploying the APIs to showcase their functionality and value to stakeholders.
- In addition to my previous responsibilities, I also undertake the onboarding of resources to the team. This involves ensuring a smooth transition for new team members, providing necessary guidance and support during their integration into the project. Furthermore, I allocate tasks to team members based on their skills and expertise, while closely monitoring and verifying the progress and quality of their work.

**Stack and Tools** - C# ASP.NET Core 6.0 API, LINQ, Entity Framework, Visual Studio, JAVA, Log4j, Spring Boot, Eclipse, Oracle Database, Web API, Postman, Store Procedure, JSON, N-Unit(.Net), Notion - Documentation, Plant Uml ( Process flow), Vs Code , Draw.io (Architecture design), Putty, FileZilla, Svn, GitHub, Mural, ADO Board

## PROJECTS

IDBS - CLS Integration | .NET Core 6.0, NUnit, GitHub, Notion, EF 6  
Export API | EWB Wrapper API | Sample Test API | User Catalogue  
IVM Wrapper | Scan Balance API | Alliance API | Barcode Generator  
Java , Sprint Boot, Postman, SVN, GSK API, IDBS API, Linux, JUnit

Led the development of an integration project, orchestrating the testing of samples from IDBS and seamless data transfer to different systems. Built a robust API that efficiently manipulated and provided data as per each system's requirements, leveraging the IDBS and GSK APIs. Collaborated closely with stakeholders to ensure smooth integration and data exchange, implementing data transformation and mapping processes. Conducted comprehensive testing, resulting in accurate data transfer and improved efficiency across multiple systems. Worked in an Agile environment, collaborating with cross-functional teams to meet project milestones and deliverables.

### Software Developer - Roles and Responsibilities

Object Frontier Software | 20-04-2019 To 11-13-2022

- Proficient in using Visual Studio, C#, ASP.NET, ADO.NET, WCF, XML, Web Forms, and applying OOP principles, SOLID methodology, and Design Patterns.
- Utilized LINQ for querying, sorting, and filtering complex objects, leveraging Entity Framework DB Context (SQL Server) for efficient data retrieval and manipulation.
- Created new application modules and assumed full-stack development responsibilities, including implementing views, controllers, and routes.
- Implemented performance enhancements by writing stored procedures and utilizing .NET Framework Generics Collection, Extension Methods, Lambda Expressions, Events, and Delegates.
- Worked with SQL and T-SQL in MS SQL Server, including indexing, functions, and triggers, for database operations such as data retrieval and updates.
- Developed test automation solutions, including unit tests and smoke tests, using .NET Core 2.0, XUNIT Test, and Selenium WebDriver. Employed VSTS for version control and tracking.
- Implemented client and server-side validations using JavaScript, jQuery, and ASP.NET validation controls.
- Developed Views and Web Forms using Partial Views, custom HTML helper, Kendo framework, JavaScript, and jQuery with Razor view engine following the MVC model.
- Actively contributed to the Software Development Life Cycle (SDLC), working within an interactive agile programming methodology (Scrum). Involved in business requirements gathering and analysis based on client specifications.
- Practiced Design Patterns such as Singleton, Dependency Injection, and Inversion of Control to ensure effective and maintainable code.
- Gained hands-on experience with React, MongoDB, NodeJS, and Express, expanding my skill set to include these technologies.

### Software Trainee - Roles and Responsibilities

Object Frontier Software | 20-06-2018 To 20-04-2019

- Proficient in Object-Oriented Programming (OOP), Data Structures & Algorithms.
- Gained Experienced in Work Breakdown Structure (WBS), System Design, and version control.
- Worked on database design, creation of minimum viable products (MVP), and implementing Aspect-Oriented Programming (AOP).

**Stack and Tools:** C# ASP.NET MVC, LINQ, KENDO UI, jQuery, JavaScript, Entity Framework, SQL Server, WCF, Web API, Store Procedure, Selenium, RDL reports, Razor View, Telerik controls, JSON, X-Unit, Axosoft, Source Tree, WBS, PlantUml, IIS, Telerik Kendo UI

## SKILLS

