



GLOBAL IT
SOLUTIONS

Full-Stack Developer



Are you ready to embark on a transformative journey that will propel your career to new heights?

Look no further than our comprehensive Full Stack Software Engineering Course!

Designed to empower aspiring developers like you, this program combines cutting-edge curriculum, hands-on experience, and expert guidance to equip you with the skills and knowledge needed to thrive in the dynamic world of technology.

Why choose our Full Stack Software Engineering Course?

- ✓ Comprehensive Curriculum
- ✓ Expert Guidance
- ✓ Hands-on Experience
- ✓ Job-ready Skills

What does a TSN a full-stack developer do?

With TSN full stack developer training, you will master designing and creating websites and applications for various platforms. Your target job description might include:

- II Develop and maintain web services and interfaces
- II Contribute to front-end and back-end development processes
- II Build new product features or APIs
- II Perform tests, troubleshoot software, and fix bugs
- II Collaborate with other departments on projects and sprints

What you will learn

Develop with front-end development languages and tools such as HTML, CSS, JavaScript, React and Bootstrap

Program applications using back-end languages and frameworks like C#, ASP.NET Core, Python, etc

Deploy and scale applications using Cloud Native methodologies and tools like Containers, Kubernetes, Microservices and Serverless Functions

Build your GitHub portfolio by applying your Full Stack Cloud Development skills with multiple labs and hands-on projects

Contact Us



tsnglobalit.com



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COURSES

FRONT-END DEVELOPER

The course starts with a basic introduction to HTML5 (the latest version of HTML), followed by an overview of CSS3, and insights into the essentials of JavaScript. By the time you're done learning, you'll know how to code a fantastic site, build your own web applications, and delight potential clients with your developer skills.

SYLLABUS

- ✓ Web Programming Introduction
- ✓ HTML: Introduction
- ✓ HTML: Advanced
- ✓ CSS: Introduction
- ✓ CSS: Advanced
- ✓ Bootstrap
- ✓ JavaScript: Introduction
- ✓ JavaScript: Advanced
- ✓ JQuery
- ✓ React

PREREQUISITE

- ✓ Any beginner who wants to build career as Web designer can take this course.

TIME TO COMPLETE!

- ✓ 40 Hours

DATABASE FUNDAMENTALS

This course introduces and defines the terminology, concepts, and skills you need to understand database objects, security requirements, graphical tools, T-SQL scripts, writing database queries, as well as executing stored procedures. It's designed for individuals seeking to learn the fundamentals of relational databases, database management systems, and database components.

SYLLABUS

- ✓ Introduction to Database Concepts
- ✓ Query by Example
- ✓ Data Definition Language
- ✓ Data Control Language
- ✓ Constraints
- ✓ Normalization
- ✓ E-R Diagrams
- ✓ Database Design
- ✓ Database Functions
- ✓ Views
- ✓ Stored Procedures
- ✓ Indexes

- ✓ Database Administration
- ✓ Security
- ✓ Backup and Restore
- ✓ NoSQL

PREREQUISITE

- ✓ Basic computer skills
- ✓ No prior database knowledge is needed

TIME TO COMPLETE!

- ✓ 40 Hours

FULL STACK .NET DEVELOPER

In this course you'll learn how to design and implement user-friendly, scalable applications using .NET platform technologies.

SYLLABUS

- ✓ Introduction to C# and .NET
- ✓ C# Variables and Datatypes
- ✓ Controlling Flow, Converting Types, and Handling Exceptions
- ✓ Writing, Debugging, and Testing Functions
- ✓ Building Your Own Types with Object-Oriented Programming
- ✓ Implementing Interfaces and Inheriting Classes
- ✓ Packaging and Distributing .NET Types
- ✓ Working with Common .NET Types
- ✓ Working with Files, Streams, and Serialization
- ✓ Working with Data Using Entity Framework Core
- ✓ Querying and Manipulating Data Using LINQ
- ✓ Introducing Web Development Using ASP.NET Core

- ✓ Building Websites Using ASP.NET Core Razor
- ✓ Building Websites Using the Model-View-Controller Pattern
- ✓ Building and Consuming Web Services
- ✓ Building User Interfaces Using Blazor

PREREQUISITE

- ✓ Basic computer skills
- ✓ No prior programming knowledge is needed

TIME TO COMPLETE!

- ✓ 40 Hours

