

Candidate Report

Backend Developer

IT

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GUNASEELAN M

CAND - 000058

Role: Software Developer Company: Sardonyx Technologies Pvt. Ltd Experience: 3.5 years

Contact Information

Phone

+91-7010187003

WhatsApp

+91-7010187003

Email

gunaseelansoftwareengineer@gmail.com

Location

Thanjavur, India

Professional Information

Current Company

Sardonyx Technologies Pvt. Ltd

Current Job Title

Software Developer

Total Experience

3.5 years

Skills

.NET Core 6/7/8	ASP.NET MVC	ASP.NET Core Web API	C#	SQL Server	PostgreSQL	MySQL
Entity Framework Core	LINQ	RESTful Web API development	Golang	Python	Angular	HTML5
CSS3	JavaScript	jQuery	WPF	XAML	MVVM	Jenkins (CI/CD)
AWS (EC2, S3)						
Docker (Basic)	Git	IIS	Nginx	Visual Studio	JWT Authentication	Role-Based Authorization
OWASP Top 10	SAST (HCL AppScan, Fortify)	DAST (Burp Suite)	Unit Testing (xUnit, NUnit)	Agile	Scrum	
SDLC						

Education

Bachelor of Engineering in Mechanical Engineering

Anna University, Thanjavur, Tamil Nadu

Mechanical Engineering

2016 - 2020

Languages

English

Tamil

Employment History

- **Software Developer**

Sardonyx Technologies Pvt. Ltd.

1/1/2023 - Present

Architected and developed enterprise-grade full stack web applications from the ground up using C#, ASP.NET MVC, ASP.NET Core Web API, and .NET Core 6/7/8, serving 5,000+ users across the Microsoft technical stack. Designed and implemented RESTful Web APIs and 3rd-party API/webservice integrations using ASP.NET Core Web API, Entity Framework Core, and LINQ, translating business requirements into scalable technical solutions. Implemented Jenkins-based CI/CD pipelines for automated build, test, and deployment of .NET applications. Deployed and managed applications on AWS (EC2, S3) and Linux/IIS servers, applying multi-platform solution architecture principles to ensure high availability and performance. Implemented JWT authentication, role-based authorization, and OWASP Top 10 secure coding practices to design and architect highly secure, scalable, and performing applications. Designed and optimized MS SQL (SQL Server) database schemas and performed advanced SQL query scripting, along with PostgreSQL and MySQL database design and optimization. Built and maintained front-end components using Angular, JavaScript, and jQuery, collaborating cross-functionally to deliver multi-platform, full stack solutions. Performed unit testing (xUnit/NUnit), debugging, performance tuning, and production support, applying design patterns and Dependency Injection via the built-in ASP.NET Core IoC container to improve code quality and testability

Position Requirements

Job Description

Our environment includes an existing production POS, voucher, telecom recharge and payment system. The developer must be capable of understanding and maintaining the existing legacy system while also developing newer backend integrations.

Core Environment

C#

.NET Framework / ASP.NET

Microsoft SQL Server

T-SQL

IIS / Windows Server

REST APIs, HTTP and JSON

Legacy ASMX Web Services

SOAP, XML and WSDL

Third-party API integrations

Visual Studio

Git

Postman / SoapUI

POS and voucher/recharge transaction systems

The existing architecture includes flows such as:

POS ' .NET Backend/API ' SQL Server ' Telecom/Payment Provider API ' Response ' Database/POS

The developer may need to understand old C# projects, troubleshoot production transactions, work with SQL databases and stored procedures, maintain existing SOAP integrations, and implement new REST APIs.

Mandatory Requirements

1–4 years of relevant .NET/backend development experience

Strong C# fundamentals

.NET Framework / ASP.NET experience

Strong Microsoft SQL Server knowledge

Good T-SQL skills

Joins, transactions, indexes and stored procedures

REST API integration

HTTP, JSON and API authentication

Visual Studio

Basic IIS knowledge

Debugging and troubleshooting ability

Ability to understand and modify an existing codebase

Preferred Skills

ASMX Web Services

SOAP / XML / WSDL

ASP.NET Core / modern .NET

Advanced SQL Server troubleshooting and optimization

Windows Server

SoapUI

Telecom/recharge systems

POS systems

Payment integrations

Third-party API integrations

Legacy-system modernization