Ganeshan K

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Profile

An enthusiastic and highly self-motivated professional backed with strong programming, negotiation, analysis,and time management skills. I can adapt to the quickly changing environment and am a good team player, bringing innovative ideas. I am looking forward to a challenging position in an organization where my current skills and resources will be utilized and enhanced.

Education

Chennai, India	**Bachelor of Computer Applications** *NAZARETH COLLEGE OF ARTS AND SCIENCE* 2018 - 75%
Chennai, India	**State Board (HSC)** *CHENNAI HR . SEC SCHOOL* 2015 - 53%
Chennai, India	**State Board (SSLC)** *SRI ANNAI VIDHYASHARAM MATRIC SCHOOL* 2013 - 85%

Organisations

Chennai, India	**Finaara Technologies Pvt Ltd** *Senior .Net Developer* *OCT - 2020 - JAN - 2025*
Chennai, India	**KST INFOTECH PVT LTD** *Junior .Net Developer* *SEP - 2018 - SEP - 2020*

Certificates

KENNY SOFTWARE SOLUTION
Telecom Technician - PC Hardware and Networking
(Dec - 2016 to Jan - 2017)
Grade: " **DISTINCTION** "

NINT - NATIONAL INSTITUTED OF NETWORK TECHNOLOGY
C#, ASP.NET ↗ , ADO.NET ↗ and .NET Framework
(Jun - 2017 to Aug 2017) - **Grade: "A"**

Core Java & J2EE
(DEC - 2017 to APR 2018) - **Grade: "A"**

Gusto Information Technologies & Management Solution LLP.
Software Testing - Manual & Selenium
(Mar - 2018) - **Grade: "B"**

Skills

FRONT END :
- HTML5 , CSS , Boostrap
- Javascript, Jquery , JSON

DATABASE
- MSSQL - Microsoft SQL Server
- MYSQL - WorkBench

BACK END
- Web Application - ASP.NET ☑ (MVC) Entity Frame Work
- Web API - Entity Frame Work & Core
- Desktop Application

HOSTING SERVER
- IIS - Internet Information Service - Windows Server (OS)
- NGINX - Linux , MacOS , Windows

Projects

API (Application Programming Interface) :

Role: Senior .NET Developer / MSSQL Developer
Responsibilities:
- Developed the front-end using Swagger and C# within ASP.NET ☑ Core Web API.
- Managed the back-end using SQL Server R2 2022 for efficient data handling.
- Deployed the application on an NGINX server for secure and optimized hosting.
- Built the system on .NET Framework 4.8, ensuring stability and performance.
- Applied Object-Oriented Design (OOD) principles to enhance code modularity, maintainability, and scalability.
- Implemented security features for ATM transactions using QR codes for cash withdrawal and deposit.
- Enforced IP address restrictions and API key-based middleware for secure API access.
- Developed and maintained RESTful APIs supporting GET, POST, UPDATE, and DELETE methods.
- Configured and optimized the application for deployment on a Linux server, ensuring security and performance.

Money Exchange Software:

Role: Senior .NET Developer / MSSQL Developer
Responsibilities:
- Utilized HTML5, CSS, Bootstrap, JavaScript, and jQuery for responsive and dynamic user interfaces.
- Developed the front-end using AJAX controls and C# within the ASP.NET ☑ MVC framework for a dynamic user experience.
- Applied Object-Oriented Design (OOD) principles to enhance code modularity, maintainability, and scalability.
- Managed the SQL Server R2 2022 database for efficient storage and retrieval of financial data.
- Deployed the application on an IIS server, ensuring secure and stable hosting.
- Built the system on .NET Framework 4.7.1, ensuring compatibility and performance.
- Implemented multi-user login support (company, branch, counter users) with role-specific functionalities.
- Developed features for currency investment management, exchange rate updates, and AML compliance checks.
- Designed and maintained transaction management and reporting for profit and loss, daily transactions, and day closures.
- Ensured software copyright protection, securing proprietary technology and functionality.

Money Remittance Software:

Role: Senior .NET Developer / MSSQL Developer
Responsibilities:
- Developed a Windows application using .NET Framework 4.7.1 for secure and efficient transaction processing.
- Applied Object-Oriented Design (OOD) principles to enhance code modularity, maintainability, and scalability.
- Managed the SQL Server R2 2017 database for storing and retrieving transaction data.
- Implemented KYC integration, automatic passport reading, and AML compliance checks to ensure regulatory adherence.
- Developed features for sending and receiving transactions, supporting cash payments and verification processes.
- Designed transaction management functionalities, including transaction ID generation and amount retrieval.
- Ensured software copyright protection, securing its unique features and global applicability.

IOT (Internet Of Things)

Role: Senior .NET Developer / MSSQL Developer
Responsibilities:
- Developed a Windows application using .NET Framework 4.7.1 for seamless IoT device control.
- Applied Object-Oriented Design (OOD) principles to enhance code modularity, maintainability, and scalability.
- Designed and managed the SQL Server R2 2017 database for efficient data storage and retrieval.
- Implemented serial port communication for TX transfer and RX reception to control IoT devices.
- Integrated multiple devices, including lights, water motors, height sensors, weight machines, and third-party oximeters.
- Enabled real-time medical device data display for heart rate (HR) and SPO2 monitoring.
- Ensured reliable data communication and system stability for industrial and medical applications.

Canteen Management System :

Role: Junior .NET Developer / MSSQL Developer
Responsibilities:
- Utilized HTML5, CSS, Bootstrap, JavaScript, and jQuery for responsive and dynamic user interfaces.
- Developed the front-end using AJAX controls and C# within the ASP.NET ☒ MVC framework for an interactive user experience.
- Applied Object-Oriented Design (OOD) principles to enhance code modularity, maintainability, and scalability.
- Managed the SQL Server R2 2017 database to handle inventory, transactions, and user data efficiently.
- Deployed the application on an IIS server, ensuring reliable and secure hosting.
- Built the system on .NET Framework 4.6.1, optimizing performance and scalability.
- Developed the Master Canteen module, handling inventory management, purchase orders, vendor coordination, and stock distribution.
- Designed the Unit Canteen module for police personnel registration, ID generation, card issuance, and item sales.
- Implemented the Reports module to generate stock details, purchase order summaries, and sales reports for operational insights.

Quarters Management System :

Role: Junior .NET Developer / MSSQL Developer
Responsibilities:
- Utilized HTML5, CSS, Bootstrap, JavaScript, and jQuery for responsive and dynamic user interfaces.
- Developed the front-end using AJAX controls and C# within the ASP.NET ☒ MVC framework for a seamless user experience.
- Applied Object-Oriented Design (OOD) principles to enhance code modularity, maintainability, and scalability.
- Managed the SQL Server R2 2017 database for efficient quarter allocation, user registration, and report generation.
- Deployed the application on an IIS server, ensuring secure and stable hosting.
- Built the system on .NET Framework 4.6.1, optimizing performance and maintainability.
- Designed and implemented the Allotting Officer module for user registration, quarter selection, and waiting list management.
- Developed the Administrator module to review applications, approve quarter allocations, and send email/SMS notifications.
- Implemented the Supervisor module for quarter maintenance tracking and generating reports on waiting lists and occupied quarters.

Declaration

I, Ganeshan.K., do hereby confirm that the information given about is true to the best of my knowledge.

Ganeshan K