**Job Description: Backend Developer (.NET MAUI/Xamarin)**

**Position:** Backend Developer (.NET MAUI/Xamarin)
**Location:** Coimbatore
**Employment Type:** Full-Time

**Job Summary:**

We are seeking a highly skilled **Backend Developer** with expertise in **.NET MAUI/Xamarin** to join our development team. The ideal candidate should have **Handful of experience** in backend development, with a strong focus on **understanding, restructuring, and optimizing existing .NET (MAUI/Xamarin) codebases**. This role requires deep knowledge of backend architecture, API development, database integration, and performance optimization.

**Key Responsibilities:**

**1. Code Understanding & Restructuring**

* Analyze and restructure **existing .NET MAUI/Xamarin backend code** to improve performance, maintainability, and scalability.
* Refactor legacy code to align with modern **.NET Core and MAUI** standards.
* Debug, troubleshoot, and optimize code for efficiency and reliability.

**2. Backend Development & API Integration**

* Develop, maintain, and enhance **RESTful APIs** and backend services.
* Ensure smooth integration of backend systems with **mobile and web applications**.
* Implement **secure authentication and authorization mechanisms** (OAuth, JWT, etc.).

**3. Database & Performance Optimization**

* Work with relational and NoSQL databases (**SQL Server, MySQL, Firebase, MongoDB**).
* Optimize queries, indexes, and data structures for performance.
* Implement caching strategies using **Redis or similar technologies**.

**4. Deployment & Cloud Integration**

* Work with **CI/CD pipelines** for automated testing and deployment.
* Ensure scalability and fault tolerance in backend architecture.

**5. Collaboration & Best Practices**

* Work closely with **frontend developers, UX/UI designers, and QA teams**.
* Follow coding standards, write **clean, well-documented code**, and conduct **code reviews**.
* Stay updated with the latest trends in **.NET, MAUI, and Xamarin development**.

**Required Skills & Qualifications:**

* **Handfull** of experience in **.NET development**, with expertise in **.NET MAUI/Xamarin**.
* Strong knowledge of **C#, .NET Core, and Entity Framework**.
* Experience in **REST API development and microservices architecture**.
* Proficiency in working with **SQL & NoSQL databases**.
* Strong debugging, troubleshooting, and performance optimization skills.
* Familiarity with **Git, Docker, Kubernetes, and DevOps practices**.
* Ability to understand and restructure **existing legacy codebases**.

**Preferred Qualifications:**

* Experience in **cross-platform mobile application development** using .NET MAUI/Xamarin.
* Knowledge of **GraphQL, gRPC, or WebSockets**.
* Exposure to **Hardware-based backend optimizations**.
* Contributions to open-source .NET projects.

**Benefits:**

* Competitive salary and performance-based incentives.
* Opportunities for career growth and upskilling.
* Exposure to cutting-edge technologies and cloud platforms.

**How to Apply:**
Interested candidates can send their resumes to **guru@memstech.com** with the subject **"Application for Backend Developer (.NET MAUI/Xamarin)"**.