Gaurav Parange

BACKEND DEVELOPER

Panvel | 7769963361 | gauravparange@gmail.com

Professional Summary

Highly motivated .NET Core Developer with 3.5 years of experience in developing robust backend solutions using MS SQL Server, MySQL, and Web API. Proficient in developing secure, scalable systems and collaborating with frontend teams (especially Angular) for seamless integration. Adept at applying clean code principles, design patterns, and modern authentication techniques to deliver high-quality solutions.

Technical Skills

- **Languages & Frameworks**: .NET Core, C#, Entity Framework Core, LINQ
- **Databases:** MS SQL Server, MySQL
- **APIs:** Web API, JWT Authentication
- **Tools & Technologies:** Git, Visual Studio, Postman, VS Code
- **Frontend (Basic):** Angular, HTML, CSS, JavaScript, Bootstrap
- **Software Design:** Clean Code Principles, Generic Repository Pattern, MVC

Professional Experience

P-Mech Technologies (PMT) | Backend Developer   **June 2022 – Present**

- Migrated legacy projects to modern platforms using .NET Core and implemented Generic Repository Pattern for scalable code architecture.
- Developed secure **Web APIs** with **JWT Authentication** and role-based access controls for enhanced data security.
- Designed and optimized complex SQL stored procedures for data migration, reporting, and automation.
- Collaborated with frontend teams to integrate APIs seamlessly, ensuring smooth user experiences.
- Implemented automated scheduled emails for project/task reports, improving communication efficiency.

P-Mech Technologies (PMT) | Intern   **March 2022 – June 2022**

- Contributed to an Angular project, resolving calculation errors to ensure accurate data processing.

Project Experience

PMT Tank   **https://www.pmttank.com/#/login**

- Led migration of legacy system to a new platform using Generic Repository Pattern and Clean Code principles, improving scalability and maintainability.
- Developed RESTful APIs for data retrieval, saving, and updating, including complex save functionality integrating multiple components.
- Created complex stored procedures for migrating old data into a newly structured database, ensuring data integrity and accuracy
- Created and optimized stored procedures to ensure data integrity during database migration with EF Core (Code-First).
- Utilized and integrated JWT Authentication with password encryption for secure access, leveraging existing implementations and adapting them to project requirements.

PMECH HR Careers   **https://www.pmechcareers.com/login**

- Developed a new ASP.NET Core Web API project from scratch, implementing CRUD operations with MySQL backend.
- Implemented OTP-based secure login and reused JWT Authentication from PMT Tank project.
- Applied Generic Repository and Service Patterns and dependency injection for scalable, maintainable code.

PMECH Timesheet

- Maintained and enhanced timesheet management system using Entity Framework Core and SQL Server.
- Built APIs for CRUD and designed complex stored procedures for generating reports such as Defaulter List, Leave Reports etc.
- Automated report emailing through stored procedures and enforced role-based access control using Profile Pattern.
- Integrated and utilized existing JWT Authentication mechanisms following recommended security best practices.

Education

Bachelor of Science in Computer Science   **2018 – 2021**

Pillai HOCL College of Arts, Science, and Commerce, Panvel

Certifications & Awards

- Diploma in .NET (Certification), IIHT Institute, Kharghar
- Silent Hero Award for exceptional performance and dedication at P-Mech Technologies (2024).