

Gaurav Parange

SOFTWARE 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 and Web API, along with 1 year of hands-on Angular development experience. Proficient in building secure, scalable systems and developing as well as integrating Angular frontends with .NET Core APIs for seamless end-to-end delivery. 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 :** Angular, HTML, CSS, JavaScript, typescript, Bootstrap
- **Design Pattern:** Clean Code Principles, Generic Repository Pattern, MVC

Professional Experience

P-Mech Technologies (PMT) | Software 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.
- Built Angular frontends with reactive forms and integrated with .NET Core APIs, enabling seamless end-to-end workflows for timesheet software.
- Collaborated with frontend teams on API integrations and implemented automated scheduled emails for project reports, enhancing team 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

PMECH Timesheet

- Maintained and enhanced timesheet management system using Entity Framework Core and SQL Server for scalable data handling.
- Built RESTful APIs for CRUD operations and designed complex stored procedures for reports like Defaulter List and Leave summaries.
- Developed Angular components and services with Reactive Forms for timesheet entry/approval workflows, handling validation and RxJS observables for real-time data binding.
- Implemented Angular routing with lazy-loaded modules and HttpClient interceptors for JWT-authenticated API calls, enabling secure frontend-backend integration.
- Automated report emailing via SQL stored procedures and enforced role-based access control using Policy-based authorization with existing JWT mechanisms.

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.

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).