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Dura, Hebron, Palestine

# Mohammad Nayef

## Computer Science Student

[LinkedIn](#)

[GitHub](#)

### Education

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- A **third-year Computer Science** student at Palestine Polytechnic University. **Sep. 2021 – Jun. 2025 (Expected)**
- **Relevant courses:** Data Structures, Algorithms, Object-Oriented Programming, Relational Databases, Non-Relational Databases, Introduction to Data Science.

### Experience

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#### ASP.NET Backend Development Intern

Jul. 2023 – Jan. 2024

Foothill Technology Solutions | Palestine

- An intensive ASP.NET internship with in-depth topics related to backend development applied in tasks that are reviewed by experienced developers to provide me with feedback and best practices.

### Skills

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- Programming languages: **C#**, familiar with **C++**.
- Strong knowledge in Data Structures, Algorithms and Object-Oriented Programming concepts.
- Good knowledge in relational and non-relational databases and differences between them.
- Strong understanding of SOLID principles and software architectures including Clean Architecture.
- Implementing RESTful and well-documented APIs.
- Writing readable, scalable and maintainable codes by applying clean coding principles.
- Experience with Git and GitHub by using them for many projects.
- Problem Solving and Competitive Programming.
- Active learner.
- Strong written and spoken English.

### Projects

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- [Hotel Booking System](#): RESTful APIs application using ASP.NET for exploring cities, hotels and rooms to book hotels. It applies clean coding principles and Clean Architecture for its great separation of concerns and maintainability. It uses EF Core as an ORM for SQL Server database with repository pattern to abstract away the data access layer. It implements authentication using JWT and Role-Based Access Control (RBAC) for secure access.

### Competitions, Exercises and Volunteer Experience

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- Participated in **PCPC 2023** and **Hebron Code Jam 2023**: National Competitive Programming contests.
- Participated in **NPalestine 2023**: A national NP-Optimization Problem contest.
- Continuously solving programming problems using different websites. I solved over 500 problems of various topics and difficulty levels on Codeforces. [My Codeforces Profile](#)
- Served as a Competitive Programming coach for the Code Club at my university using C++, which helped over 20 students getting started with their journey in Problem Solving and improved my personality in terms of communication, explanation and presentation skills.