

# Deniz Gozel

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[Portfolio Website](#) | [LinkedIn](#)

## OBJECTIVE

Resourceful and mature Mechanical Engineer and Computer Programming Diploma graduate seeking a back-end, front-end, or full-stack development role. A passionate and driven individual with a unique blend of mechanical engineering expertise and computer programming skills, I possess technical proficiency in Python, C, C++, and JavaScript along with the maturity to approach challenges with a strategic mindset. Eager to contribute innovative, scalable software solutions while continuously enhancing my development skills.

## SKILL HIGHLIGHTS

- **Technical Skills**
  - **Object-Oriented Programming:** C, C++, Visual Studio
  - **Data Structures & Algorithms:** Python, GitHub
  - **Web Development:** JavaScript/HTML/CSS, React.js, Node.js, Bootstrap, Tailwind, VS Code
  - **Database System Design & Management:** MongoDB, Oracle, MSSQL, MySQL, pgAdmin
  - **Software Analysis & Design:** Visual Paradigm
  - **Software Testing:** Jira
- **Analytical Skills**
  - Leadership, Creative Problem-Solving, Strategic Planning, Teamwork, Assessment, Analytical Thinking
- **Organizational Skills**
  - Process Management, Goal Setting & Achievement, Deadline Management, People Management, Attention to Detail, Crisis Management

## EDUCATION

### Computer Programming Diploma Program | Seneca College | Toronto, Canada

May 2023 – December 2024

- Graduated with Honours (3.90/4.00 CGPA)

Developed a strong foundation in problem-solving, analytical thinking, and technical innovation, while building a comprehensive technical toolkit (Python, C, C++, JavaScript/HTML/CSS, React, Node) and mastering core programming and development concepts.

### Mechanical Engineering Bachelor of Science | Istanbul Technical University | Istanbul, Türkiye

Sep. 2016 – Feb. 2022

- Actively engaged in the ArtITU Art and Culture Community for 3 years, including a one-year board membership.

Gained proficiency in Finite Element Analysis, Thermodynamics, Fluid Mechanics, 2D/3D Design, Technical Drawing, Heat Transfer, Engineering Materials, Nanotechnology, Nanosystems, and MEMS, while honing strategic thinking and problem-solving skills.

## EMPLOYMENT EXPERIENCE

### Grocery Clerk, Arz Fine Foods | Toronto, Canada

June 2024 – Present

- Developed strong organizational and time-management skills by managing inventory, ensuring product availability, and maintaining a well-stocked sales floor in a high-volume retail setting.
- Enhanced customer service expertise by addressing client inquiries, resolving issues, and fostering positive customer relationships, demonstrating effective communication and problem-solving abilities.
- Gained experience working collaboratively in a team-oriented environment, adhering to company policies, and contributing to operational efficiency, skills that are transferable to a professional corporate setting.

### Mechanical Engineering Intern, SIS Climatization | Hatay, Türkiye

August 2020 – October 2020

- Designed and optimized natural gas heating systems tailored to apartment and building specifications, ensuring compliance with technical and safety standards.
- Conducted on-site inspections to oversee system implementation, troubleshoot issues, and ensure proper installation, demonstrating strong attention to detail and problem-solving skills.

- Collaborated with cross-functional teams to deliver projects on time, gaining hands-on experience in project management and technical documentation within a professional engineering environment.

#### **Volunteer Mechanical Engineer, Maker Kid | Istanbul, Türkiye**

**March 2019 – May 2019**

- Taught foundational engineering skills, including 3D design, 3D printing, and robotics, to students, fostering their creativity and technical proficiency.
- Delivered hands-on instruction in Python programming and AutoCAD, while guiding children through small-scale projects, enhancing their problem-solving and critical thinking abilities.
- Demonstrated leadership and communication skills by adapting complex engineering concepts into engaging, age-appropriate lessons, inspiring young learners to explore STEM fields.

#### **Volunteer Board Member, ArtITU Art and Culture Community | Istanbul, Türkiye**

**Sep. 2017 – June 2018**

- Played a key role in managing a 200-member student community, organizing interdisciplinary events featuring experts in art, architecture, and engineering, with an emphasis on engineering-related programming.
- Led a team of six volunteers in coordinating event logistics, including expert outreach, venue booking, promotional campaigns, and on-site execution, ensuring seamless event experiences.
- Developed strong leadership, project management, and teamwork skills while contributing to the growth and success of a vibrant student-led cultural and artistic community.

## **PROJECTS**

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#### **Portfolio Website**

- Designed and developed a fully responsive portfolio website to showcase projects, highlighting proficiency in front-end and back-end development without relying on frameworks.
- **Skills:** Responsive Web Design & Development, JavaScript/HTML/CSS, Front-end & Back-end Development, GitHub, VS Code
- **Project Link:** <https://denizgozel.vercel.app>

#### **GemStorm**

- Created a web-based Python board game using Flask, HTML/CSS, and JavaScript. The game features a minimax-based AI for turn decisions and custom data structures such as Queue, SortedList, HashTable, etc. for managing game state.
- **Skills:** Python, JavaScript/HTML/CSS, Flask, VS Code, Data Structures & Algorithms, Algorithmic Design, Full-Stack Development
- **Project Link:** <https://gemstorm.onrender.com>

#### **Metropolitan Museum of Art Collection**

- Built a database-driven website for the Metropolitan Museum of Art to display and search for its art collection by name, title, location, and status.
- **Skills:** Full-Stack Development, Responsive Web Design, Database Design, GitHub, React.js, Bootstrap, JavaScript/HTML/CSS, MongoDB, VS Code
- **Project Link:** <https://web422-a6-frontend.vercel.app>

#### **Lego Collection**

- Developed a MongoDB-based database and a front-end website to manage a Lego collection. The website allows users to display and search for items by name, theme, year of release, and number of parts, and includes registration and login features with favorites section.
- **Skills:** Full-Stack Development, Responsive Web Design, Database Design, JS/HTML/CSS, Node.js, GitHub, MongoDB, pgAdmin, Bootstrap, VS Code
- **Project Link:** <https://lego-collection-beta.vercel.app>