RAMAZAN YILDIRIM

Computer Engineering Student

Burdur, Turkey

ramazanyldr0103@gmail.com | +90 542 786 4127

https://github.com/Ramazan-yildirim | https://www.linkedin.com/in/ramazanyldr/

EDUCATION

Sandıklı Mektebim Science High School   Sandıklı, Afyonkarahisar
Science   Graduated: Jun 2022
Access Grade: 94 / 100

Burdur Mehmet Akif Ersoy University   Burdur, Turkey
English Preparatory Class   Sep 2022 – Jun 2023
Grade: 74 / 100

Burdur Mehmet Akif Ersoy University   Burdur, Turkey
B.Sc. in Computer Engineering   Sep 2023 – Jun 2027 (Expected)
GPA: 3.09 / 4.00

    Relevant Coursework: Data Structures, Algorithms, Operating Systems, Database Management Systems, Object-Oriented Programming, Computer Networks.

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, JavaScript, TypeScript, Bash Shell Scripting, SQL.
- **Core Concepts:** Data Structures & Algorithms, Object-Oriented Programming (OOP), System Design, RESTful APIs.
- **Tools & Technologies:** Docker, Git/GitHub, Linux (Ubuntu/Debian), VS Code.
- **Frameworks & Libraries:** ROS (Robot Operating System), Node.js, Vue.js, NumPy, Pandas.
- **Databases:** PostgreSQL, MySQL, MongoDB.

PROJECTS

TEKNOFEST – Autonomous Underwater Vehicle (AUV) | Software & Simulation   *Python, ROS 2, Gazebo, Pixhawk*

- Conducted R&D studies on the design and simulation of an autonomous underwater vehicle within the scope of TEKNOFEST.
- Performed modeling of vehicle dynamics and control algorithms in **ROS 2** and **Gazebo** environments.
- Worked on **Sensor Fusion** architecture including IMU, pressure, and sonar sensor data for state estimation.
- Tested basic motion and depth control scenarios in simulation using **Python**-based modules.

Digital Dental World Platform (Active Development Phase) | Full Stack Developer   *Vue.js, Laravel, MySQL*

- Developing a modern and scalable platform bringing dentists, laboratories, and sector companies together in a single ecosystem.
- Designing an end-to-end web application focusing on user experience, interactive interfaces, and sector-specific needs.
- Using **Vue.js** on the frontend, **Laravel** on the backend, and **MySQL** as the database.

Automated LaTeX CV Template | Design & Automation   *LaTeX, Docker, CI/CD*

- Designed and developed a customizable **LaTeX** template for a professional and modern look.
- Integrated **Docker** containerization to ensure build environment independence and consistency.
- Improved maintainability and updateability by organizing source code in a modular structure (sections).

FOREIGN LANGUAGES

English: Elementary Proficiency (A2)
Turkish: Native