

Rıdvan Ünlüerler

Computer Engineering Student | Data, AI & Software Development

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SUMMARY

Final-year Computer Engineering student at Marmara University (graduating January 2027) who builds software that takes manual work out of people's day: AI-powered call analytics and reporting at Denizbank, SAP ABAP development at Solvia Digital Solutions, and two live web apps that replaced route planning by hand and paper store audits. PADI Assistant Instructor, used to keeping a clear head under pressure.

EXPERIENCE

Denizbank — Intern, Telephone Banking Efficiency Management

Feb 2026 – Sep 2026

- Built an AI-powered call analysis system covering sentiment analysis, automated call scoring and summarization of customer interactions.
- Designed and developed a React dashboard for tracking agent performance.
- Wrote Excel VBA automations that cut down repetitive daily reporting.
- Optimized SQL queries running over large call center datasets.

Solvia Digital Solutions — SAP ABAP Development Intern

Jul 2025 – Sep 2025

- Developed and optimized ABAP queries and ALV reports for structured business reporting.
- Designed SAP user interfaces and worked with consultants to keep technical documentation aligned with business requirements.

PROJECTS

Rota — Sales Route Planner

rota.ridvanunluerler.com

- Progressive web app that turns a day's visit list into an optimized route using a traffic-aware distance/time matrix, with chained arrival times and live progress tracking (JavaScript, Leaflet, TomTom API).
- Wrote a Node.js proxy so the API key never reaches the browser; tours are stored server-side and continue across devices.

RED Kontrol — Store Audit App

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- Replaced a paper retail audit checklist with an offline-first mobile web app: segment-based checklists, sync when back online and last-update conflict merging (JavaScript, Service Worker, PHP).
- Admin view across all users' records; completed forms exported to PDF in the browser with jsPDF.

Integrated Underwater Vision System — Graduation Thesis

- Python pipeline that restores color and contrast in underwater images with CycleGAN, then detects marine life with YOLO on raw footage.

MARFIT — Fitness Tracking App

- Cross-platform mobile app built with Flutter and Dart for logging workouts and following progress per user.

EDUCATION

Marmara University — B.Sc. Computer Engineering

2021 – Jan 2027 (expected)

SKILLS

Programming: Python, JavaScript, Java, C, Dart, SQL, ABAP, PHP

Frameworks & Web: React, Flutter, Node.js, Leaflet, PWA / Service Workers

Data & BI: SQL, Microsoft SQL Server, Power BI, Excel VBA

AI / ML: Computer vision (YOLO, CycleGAN), sentiment analysis, text summarization, Google Colab

Enterprise: SAP ABAP, ALV, Red Hat Linux, Verint Workforce Management

LEADERSHIP & ACTIVITIES

Marmara University Underwater Sports Club — Co-Chair (prev. Treasurer)

2021 – 2024

- Led the club and its social responsibility projects for two years; organized Derin Akıntı VI, the club's symposium.
- As treasurer, managed club finances, balance sheets and records.

CERTIFICATIONS, TRAINING & LANGUAGES

Certifications: PADI Assistant Instructor; PADI Emergency First Response (Primary & Secondary Care)

Training: Verint Workforce Management & shift planning programme (2026)

Languages: Turkish (native), English (B2, upper-intermediate)