Ozan Malcı

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Education

Sakarya University – Computer Engineering, Bachelor's Degree   2021-09/2026-06

Projects

Barbershop Management System – github.com/ozan2003/berber_yonetim_sistemi
- A web application for managing barbershop operations, implemented with **ASP.NET Core** and **Entity Framework Core** to centralize appointments, customer/staff records, and service/pricing management.

RFC Reader – github.com/ozan2003/rfc_reader
- **Rust**-based terminal user interface (TUI) reader that retrieves IETF RFCs on demand, caches them for offline access, and enables full keyboard-driven navigation.
- Supports in-document search, a table of contents view, and a command-line interface with options for offline mode and cache management.

Heartbeat Monitor – github.com/ozan2003/heartbeat_monitor
- A lightweight **Python** client-server monitoring system using raw ICMP Echo messages and magic-byte-validated binary protocol to collect and verify server system metrics across networks.
- Features a configurable probe supporting TOML-based configuration discovery and local data persistence via **SQLite** with automated retention and cleanup of ICMP telemetry.

Skills

Programming Languages: Python, Rust, C#, C++

Tools: GNU Make, pytest, Git, uv

Databases: SQLite

Languages: Turkish, English