Emre Gülşen (Junior Backend Engineer)

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Github: github.com/Lucadron   **Portfolio:** emregulsen.vercel.app

Education

Sakarya University (Graduated)   Sakarya, Turkey
BSc, Information System Engineering. GPA: 2.70   2021 - 2025
Relevant Courses: Software Architecture & Design, Object-Oriented Programming, Data Structures, Database Management.

Experience

Çemsan Industrial Processes and Automation   Sakarya, Turkey
Software Engineering Intern   August 2025 – September 2025
- Developed RESTful backend services using Java, Spring Boot, PostgreSQL, Redis, JWT-based security, logging, and CI/CD pipelines.

Bytemounts Software   Sakarya, Turkey
Software Engineering Intern   June 2025 – July 2025
- Engineered scalable RESTful APIs with Node.js, TypeScript, MongoDB, emphasizing modular architecture, clean code practices, data modeling, and Git-based Agile collaboration.

Teknofest T3 Foundation - Medscript Team (Voluntarily)   Istanbul, Turkey
Junior Back-End Developer   July 2023 – May 2024
- Built medical backend services using Java, Spring Boot, Spring Security, PostgreSQL, delivering secure APIs and transactional data workflows under competition constraints.

Projects

Library Management System (Java / Spring)
- Designed a layered backend system using Java, Spring-style architecture, PostgreSQL, JDBC, Flyway, Docker, JUnit.

Feature Toggle Service (Node.js)
- Built a scalable REST API using Node.js, PostgreSQL, Redis, Docker, supporting multi-tenant and environment-based feature management.

Takvano App, **Appointment Management System**
- Developed a role-based scheduling system using Node.js, MongoDB, and JWT authentication.

Certifications
- API and API Testing — BTK Academy (Jan 2026)

Leadership & Volunteering

Information Systems Engineering Community   Sakarya University
President   April 2022 – May 2024
- Led a 1000+ member engineering community, driving technical events, cross-team coordination, and project execution with measurable participation growth.

Skills

Backend: Java, Spring Boot, Node.js, RESTful APIs, JWT, Redis   **Databases:** PostgreSQL, MSSQL, MongoDB (NoSQL)
Tools: Docker, Git, GitHub Actions (CI/CD), Swagger, Junit, Postman, Insomnia

Language: Turkish (Native), English (B2+)