



FERHAT YIGIT – Full Stack Developer

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PROFESSIONAL SUMMARY

Full Stack Developer with a strong backend focus, experienced in designing secure, scalable, and maintainable RESTful APIs using Node.js. Combines analytical thinking from a Mechatronics background with modern web technologies. Strong emphasis on clean code, modular architecture, API security, and performance optimization.

TECHNICAL SKILLS

Backend: Node.js, Express.js, RESTful APIs, JWT, MVC

Frontend: React.js, Redux Toolkit, JavaScript (ES6+), HTML, CSS, Tailwind

Database: MongoDB (Mongoose), PostgreSQL (Basic)

Security: Zod, Joi, Helmet, Rate Limiting, CORS

Tools: Git, GitHub, Docker, Postman, Linux

PROJECTS

Secure & Scalable API Architecture (Node.js)

- Designed modular RESTful APIs using Controller–Service pattern.
- Implemented JWT authentication, HTTP-only cookies, and global error handling.
- Applied strict schema validation and API security best practices.

Stock Management System (MERN)

- Built scalable backend with JWT authentication and Swagger documentation.
- Implemented search, sort, pagination, and optimized state management with Redux Toolkit.
- Developed interactive dashboards with financial data visualization.

Rent A Car Management API

- Developed RBAC-based RESTful API for car rental operations.
- Implemented conflict resolution algorithms and dynamic pricing logic.
- Integrated asynchronous email notifications and data validation.

Pizza Ordering System & Amazon Clone

- Built end-to-end ordering system and a modular e-commerce frontend using MVC principles.
- Implemented LocalStorage persistence and dynamic date calculations.

EXPERIENCE

Japan Tobacco International (JTI) – Mentee, Global Mentorship Program (2024–2025)

- Completed a one-year mentorship program focused on business processes and professional development.

EDUCATION

Marmara University – Computer Programming (2025–Present)

Dokuz Eylül University – Mechatronics (2022–2025)

LANGUAGES

Turkish: Native | English: B1 (Technical documentation and research proficiency)