

Gokhan Asilturk

Full Stack Developer & Software Engineer

Ankara, Turkey | +90-530-242-30-34 | gokhan.asilturk@gokhanasilturk.com | [linkedin/gokhanasilturk](https://www.linkedin.com/in/gokhanasilturk) | [github/GokhanAsilturk](https://github.com/GokhanAsilturk)
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EXPERIENCE

WoGamer – Backend Developer

09/2024 – 03/2025

- Java Backend Development: Engineered and maintained a Spring Boot/JWT-based backend system for 6 months, ensuring 99.9% uptime with automated tests processing 2,000+ calls daily.
- Refactored the codebase to improve maintainability and enhance API Development and Database Design, facilitating the MVP process during a 5-month development period.
- DevOps Execution & Investment Support: Implemented a continuous deployment pipeline that reduced release cycles by 40%, ensuring high system reliability; contributed to investment efforts by showcasing scalable performance and a robust architectural design.

PROJECTS

Student and Course Management System – [GitHub](#)

06/2025 – 06/2025

- Express.js, PostgreSQL, React.js, JWT, Docker
- Developed a role-based system with JWT authentication for 3 user types.
- Handled 1000+ records with data validation and PostgreSQL.
- Deployed the system using Docker for isolated environments.

Smart Sensor Monitoring System – [GitHub](#)

05/2025 – 06/2025

- NestJS, MQTT, PostgreSQL, InfluxDB, JWT, React.js, Docker
- Built a real-time IoT backend system using NestJS and MQTT protocol to collect and process data from 50+ IoT sensors.
- Implemented JWT authentication and structured JSON logging.
- Used PostgreSQL and InfluxDB for hybrid storage; deployed with Docker.

ExtendRent - Rent a Car Application – [GitHub](#)

02/2024 – 04/2024

- Led a 4-member team to design and implement the RESTful APIs for the ExtendRent backend module in Java, achieving 99.9% uptime and handling 500+ daily extension requests with 0 failure rate.
- Architecture & System Performance: Architected a secure, multi-layered MVC system using Spring Boot, Spring Security, and Hibernate ORM; achieved 99.9% uptime and processed over 500 extension requests daily with no failed transactions.
- Frontend Collaboration: Developed and optimized a responsive front-end interface using React, TypeScript, and Redux Toolkit, improving page load times by 35% and enhancing user experience across 3 major user flows.

EDUCATION

Odessa Polytechnic National University(Ukraine) – Software Engineering

09/2020 – 06/2024

- Specialized in designing, developing, and testing robust software systems, with a focus on scalable architecture, algorithm optimization, and agile methodologies to solve complex technical challenges.

SKILLS

Languages

- English:** Intermediate (B1) – **Russian:** Upper Intermediate (B2) – **Ukrainian:** Upper Intermediate (B2) – **Turkish:** Native.

Technical Skills

- Programming & Frameworks:** Java, JavaScript, TypeScript, Node.js, Spring Framework (Spring Boot, Spring MVC, JPA & Hibernate, Maven), React.js, Redux Toolkit, HTML/CSS, Formik/Yup
- Databases:** PostgreSQL, MySQL, Oracle, MSSQL, MongoDB
- DevOps & Cloud:** Docker, Continuous Integration/Continuous Deployment (CI/CD) pipelines, Microsoft Azure, Shell/Bash scripting
- Methodologies & Testing:** Agile (Scrum, Kanban), RESTful APIs, Object-Oriented Programming (OOP), TDD (Test-Driven Development), DDD (Domain-Driven Design); Unit, Integration, and Functional Testing
- Tools & Platforms:** Git, GitHub, Heroku, Postman, Swagger, IntelliJ IDEA, Visual Studio Code

CERTIFICATIONS

Tobeto Istanbul Kodluyor – Java & React(TypeScript) Full Stack Development

10/2023 – 03/2024

- Completed a 6-month intensive program focused on full stack development with Java (Spring Boot) and React (TypeScript).
- Built end-to-end applications, executed RESTful APIs, JWT-based authentication, and responsive UI's.

Techcareer Backend Java Developer Bootcamp – Java, JWT

02/2023 – 04/2023

- Completed a 6-week, 45+ hour backend training focused on Spring Boot, REST APIs, and JWT-based authentication.
- Designed services with clean architecture and scalable structure.
- Learned and applied key design patterns including Observer, Factory, Strategy, Command, and Mediator.

Qualified Software Developer Camp (Kodlama.io) – Java & React

11/2021 – 01/2022

- Attended a structured training program covering object-oriented programming with React.
- Reinforced learning through assignments, quizzes, and project-based tasks.