

# CEYHUN TÜRKMEN

Full Stack Developer · Next.js · Node.js · PostgreSQL

## PROFILE

**Production-focused Full Stack Developer** specialized in e-commerce, enterprise SaaS, and marketplace platforms. Deep expertise in Next.js SSR/SSG, Node.js, and PostgreSQL; strong command of JWT/RBAC authentication, query optimization, transaction management, and modular backend architecture. Independently manages the full software development lifecycle from requirements analysis to CI/CD deployment. Integrated artificial intelligence into a personal portfolio site, building an **AI assistant** that responds to visitors in real time; achieved **Lighthouse 90-100, SEO and Accessibility 100/100** scores across all projects.

## TECHNICAL SKILLS

<b>Frontend:</b>	React, Next.js (SSR/SSG), TypeScript, JavaScript (ES6+), Redux Toolkit, Tailwind CSS	<b>Backend:</b>	Node.js, Express.js, RESTful API, JWT, RBAC, TOTP / 2FA, MVC Architecture, Indexing & Query Optimization, Transaction Management, Logging
<b>Database:</b>	PostgreSQL, MongoDB, MySQL · ORM: Prisma, Sequelize, Mongoose	<b>DevOps:</b>	Docker, CI/CD, VPS, Linux, Nginx, PM2, Git / GitHub
<b>Performance &amp; SEO:</b>	Core Web Vitals, WebP/AVIF, Lazy Loading, Code Splitting, Technical SEO	<b>AI Integration:</b>	Anthropic Claude API, Prompt Engineering, Conversational AI, Streaming Responses
<b>Testing:</b>	Jest, Supertest		

## EXPERIENCE

### Freelance Full Stack Developer

Remote | 2024 - Present

- Designed, developed, and deployed **8+ production-ready commercial platforms** across e-commerce, corporate training, and marketplace categories.
- Improved backend response times through PostgreSQL index strategies and query optimization; established structured logging infrastructure to systematize error tracking.
- Earned placement on Bionluk platform's **Rising Stars** and **Most Loved Freelancers** lists, recognized for outstanding client satisfaction.

**Core Stack:** Next.js React Node.js PostgreSQL Prisma Docker Nginx VPS

### TAV Security – Training & Exam Platform

Enterprise | 2025

TAV Private Security Services · Airport Security Personnel Training

- Built a JWT-based RBAC system for Administrator / Trainer / Personnel roles; implemented **TOTP-based 2FA with Google Authenticator integration** to meet enterprise security requirements.
- Developed interactive exam modules featuring an **object-annotated baggage inspection simulation**, along with a result tracking and performance measurement engine to automate training assessment.

**Stack:** React Redux Toolkit Node.js Express.js MySQL JWT RESTful API

### E-Commerce Platforms

6+ Active Commercial Projects

İşPool · BalkoLüx · Moda Perde · NowArt Plicell · RosallieBaby · BarScarf

- End-to-end development of product & order management, admin panel, and secure payment infrastructure with **lyzico payment integration**.
- Elevated Core Web Vitals and SEO scores above competing sites using Next.js SSR and image optimization techniques (WebP/AVIF, lazy loading, code splitting); achieved mobile LCP below the target threshold.

**Stack:** Next.js React Node.js PostgreSQL Prisma Docker

- Participated in sprint-based development using Agile (Scrum) methodology; progressed through task planning and an iterative delivery model.

## FEATURED PROJECTS

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### Jhun.com.tr – AI Assistant-Powered Portfolio

Next.js · SSG · Anthropic Claude API · Multilingual (TR/EN)

Personal corporate portfolio and blog platform. Features an AI assistant powered by the Anthropic Claude API that answers visitor questions about the CV, projects, and experience in real time; fully SSG-optimized with a Lighthouse 100/100 SEO score.

### AdsToWin

Next.js · Node.js · PostgreSQL

Role-based rewarded advertising platform with balance tracking and campaign management. Multiple user roles and real-time balance updates.

### VANET Cyber Attack Simulator

OMNeT++ · SUMO · C++

Graduation project — Academic simulation modeling cyber attacks such as DoS, message tampering, and identity spoofing in vehicular ad hoc networks (VANET).

## EDUCATION

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**B.Sc. in Computer Engineering** — İskenderun Technical University

2020 – 2024

## CERTIFICATES & COURSES

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✓ Full Stack Development Bootcamp

✓ Advanced React and Next.js

✓ Prisma and SQL Advanced Database Management

## LANGUAGES

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**Turkish** — Native | **English** — B2 (Technical documentation and professional communication)