

# UMUT TOKER

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## TECHNICAL SKILLS

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**Frontend:** React, Next.js (SSR/SSG), TypeScript, JavaScript, Redux, Zustand, Tailwind CSS, Accessibility  
**Backend:** Node.js, Python (Django/FastAPI), PostgreSQL, GraphQL, Redis, RESTful APIs, WebSockets  
**Build Tools & Testing:** Webpack, Jest, Vitest, Playwright, CI/CD (GitHub Actions)  
**Cloud & DevOps:** AWS (Certified), Azure (Certified), Docker, Microservices

## EXPERIENCE

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### Fullstack Software Engineer

Jun 2025 – Present

Tracius

Remote

- Architected a 164K-LOC Turborepo monorepo spanning 6 apps and 4 shared packages, with 237 REST endpoints across 35 NestJS modules, 39 Prisma models, and 140 database indexes including GIN indexes for JSONB queries.
- Engineered a multi-tenant RBAC system with a 7x7 role-permission matrix (49 cells, 4 CRUD actions), 7 guard implementations, and 3 auth methods (JWT, API Key, Admin Key), with tiered rate limiting across 3 endpoint classes (100–1,000 req/min).
- Built a 50K-LOC Next.js dashboard with end-to-end type-safe Prisma/NestJS contracts, cursor-based pagination handling 10K+ records, ISR revalidation, and a <2s FCP target on 4G, eliminating an entire class of runtime API errors through full-stack type inference.
- Shipped a GS1-conformant Digital Link resolver with <500ms p95 and 7 enterprise connector integrations (SAP, Shopify, TraceLink, Amazon Transparency); automated Trust Package CI/CD pipeline for GxP regulatory compliance.

### Software Engineer

Aug 2023 – Jun 2025

Avanco SA

Hybrid

- Engineered a React/TypeScript cold chain monitoring dashboard with real-time data synchronization and configurable alerting thresholds, visualizing high-frequency IoT sensor streams with Recharts.
- Deployed as Subject Matter Expert to client sites including Thermo Fisher Scientific (Fortune 500, Italy) for GxP-regulated MES/LES implementations; led new client onboardings, system upgrades, and connector integrations across multiple enterprise accounts.
- Owned L3/L4 technical support across MES and LES products, conducting end-to-end workflow root cause investigations.
- Presented the full product portfolio to 200+ industry stakeholders at HDA2024, generating enterprise interest and follow-up engagement from prospective clients.

### Software Engineering Intern

Feb 2023 – Aug 2023

The City Tutors

Remote

- Cut support tickets by 30% by building a username recovery feature (Python/Django, React) for 800+ users.
- Redesigned auth flows in an Agile team of 4, improving login success rate by 22% and reducing login time by 15%.

## PROJECTS

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**ColdTrace** | React, Redux, Node.js, WebSockets, Redis, Recharts

[coldtrace.app](https://coldtrace.app) | [GitHub](#)

- Architected a real-time IoT dashboard delivering 4,500+ messages/sec to 30 concurrent clients with sub-350ms p95 latency using WebSockets and Redis PubSub.
- Built Recharts dashboards visualizing 100K+ data points, surfacing temperature anomalies and compliance violations.
- Developed a Node.js simulation engine generating synthetic sensor data to stress-test the system and validate alerting logic.

**reqq.cc** | Next.js, TypeScript, PostgreSQL, Redis, Edge Runtime

[reqq.cc](https://reqq.cc) | [GitHub](#)

- Achieved sub-40ms redirect latency globally by deploying on Next.js Edge Runtime across 30+ edge locations.
- Ensured atomic click analytics via Postgres stored procedures, eliminating race conditions and maintaining data accuracy under 1K+ concurrent requests.
- Enforced Row-Level Security and tiered Redis rate limiting (100 req/min per user), preventing abuse across API endpoints.

## EDUCATION

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### Western Governors University

Master of Science in Software Engineering, Domain-Driven Design Concentration

Graduated Jan 2026

### Eskisehir Osmangazi University

Bachelor of Arts in Business Administration, Finance Concentration

Graduated 2019, Turkey

## CERTIFICATIONS

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AWS Cloud Practitioner | Azure Fundamentals (AZ-900) | GraphQL Associate (Apollo)