Ahmet Mete Sirin

+90 541 155 65 03 | metesirin.dev@gmail.com | linkedin.com/in/ahmet-mete-sirin | github.com/mete-sirin | metesirin.dev

Education

Zonguldak Bülent Ecevit University Sep. 2022 – Oct. 2026
B.Sc. in Computer Engineering — GPA: 3.09/4.00 *Zonguldak, Turkey*

- **Relevant Coursework:** Web Technologies, Cloud Computing, Computer and Network Security, Computer Organization, Computer Networks, Data Structures, Database Management Systems, Software Engineering.

Experience

Web Developer Intern Jul. – Aug. 2026
NDM Software *Istanbul, Turkey*

- **Frontend project:** Built admin and account-management interfaces with Next.js, React, TypeScript, and Tailwind CSS using App Router, nested layouts, dynamic routes, and Server Actions, backed by a typed mock-data layer so real queries could be added without changing the UI.
- **Backend project:** Developed REST API endpoints with Node.js/Express, Prisma, and PostgreSQL, and integrated iyzico 3D Secure payment flows with provider error handling.

Cashier / Ride Operator — Summer Work and Travel Jun. – Sep. 2024
Funland Amusement Park *Chincoteague, VA, USA*

- Operated the cash register and amusement rides at a family-oriented park, communicating daily in English with guests in a customer-facing role.

Projects

HEAT | *Personal Finance & Subscription Tracker* Aug. – Sep. 2026

- Developed a personal finance tracker with Express 5 and raw SQL (mysql2), with a daily node-cron job that processes subscription renewals in a single transaction, rolling back automatically on failure.
- Implemented HTTP-only cookie JWT authentication with immediate token revocation on logout and password change, rate limiting, and dummy-hash comparison to prevent timing-based email enumeration.
- Deployed on a hardened Ubuntu VPS behind Nginx with systemd, UFW, key-only SSH, and nightly MySQL backups with failure alerts.
- **Tech Stack:** Node.js, Express, MySQL, React, Tailwind CSS, TanStack Query, node-cron, Nginx, Ubuntu, Hetzner Cloud.

Over-Horizon | *Route-Aware Traffic Enforcement Alert System* Apr. – May 2026

- Implemented a route-aware proximity-alert system that collects speed-corridor, radar, and checkpoint data from icisleri.gov.tr using Playwright and serves it through a Fastify API with LRU caching and request coalescing.
- Developed a React + MapLibre client with live navigation, heading-aware positioning, geofence alerts, follow mode, trip simulation, and route-based hazard statistics.
- **Tech Stack:** TypeScript, React, Fastify, MapLibre GL, Playwright, Zod, Docker, Fly.io.

DriveID | *Car-Rental Booking with Identity Verification* Feb. – May 2026

- Engineered a full-stack car-rental platform with multi-stage identity verification, including custom ICAO 9303 machine-readable zone parsers with check-digit validation, AWS Textract OCR, and Rekognition face liveness and matching.
- Designed the PostgreSQL data layer with exclusion constraints to prevent double-booking, trigger-maintained retention deadlines, and scheduled redaction of personal data; document images auto-expire from S3 within one day.
- **Tech Stack:** React, Node.js, Express, PostgreSQL, AWS (Textract, Rekognition, S3), Tailwind CSS, Vite.

Skills

Languages: TypeScript, JavaScript, SQL
Frontend: React, Next.js, Tailwind CSS, TanStack Query
Backend: Node.js, Express
Databases: MySQL, PostgreSQL
Infrastructure & Tools: Linux/Ubuntu, Git, Vite
Spoken Languages: Turkish (Native), English (Fluent)