

Zeynep Sena Gündüz

Full Stack Developer (React / Node.js / Python) • Istanbul, Türkiye

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SUMMARY

Full Stack Developer with hands-on experience building web applications with **React**, **TypeScript**, **Node.js/Express.js**, and **Python** (FastAPI/Flask-style backends). Comfortable with **RESTful API** design, authentication (**JWT**, **OAuth**), and deploying containerized services with **Docker**. Interested in search/ranking and data-driven systems, including BM25 and cosine similarity for matching and recommendations.

CORE SKILLS

Frontend: HTML, CSS, JavaScript, React, TypeScript, Bootstrap, Tailwind CSS, Vite, Next.js

Backend: Node.js, Express.js, Python, Django/Flask, RESTful API, GraphQL

Databases: PostgreSQL, MySQL, MongoDB, Redis

DevOps/Cloud: Git, GitHub, Docker, Kubernetes, Nginx, CI/CD (GitHub Actions, Jenkins), AWS, Firebase

Testing: Jest, Cypress, Selenium, Pytest

Ways of working: Agile, Scrum, Kanban • Strong Communication, Problem Solving, Attention to Detail

EXPERIENCE

Full Stack Developer — CV Analyzer (Capstone Project)

2025 • Istanbul, Türkiye

- Built a CV-to-job matching pipeline using **BM25 + cosine similarity** over extracted skill keywords.
- Implemented a normalized skill dictionary (synonyms like `reactjs`→`react`, `k8s`→`kubernetes`) to improve recall.
- Developed backend APIs with **Python** and **RESTful API** endpoints for upload, parsing, scoring, and reporting.
- Created a lightweight UI to upload CVs/job posts and visualize match scores; stored results in **SQLite/PostgreSQL**-style schema.
- Added basic auth with **JWT** and implemented error handling, logging, and validation for robust processing.

Frontend Developer (Intern) — E-commerce Web Team

2024 (3 months) • Remote

- Delivered responsive screens with **React**, **TypeScript**, and **Bootstrap**; ensured **Accessibility** and **Cross-Browser Compatibility**.
- Integrated checkout flows with **Payment Gateway Integration** and **Third-Party API Integration** using **RESTful API**.
- Improved **Web Performance** via code splitting, caching, and image optimization; supported basic **SEO** checks.

SELECTED PROJECTS

- Job Matching & Skill Extraction** — Search-based matching with BM25, n-grams, and synonym-aware normalization.
- Analytics Dashboard** — Data visualization of match results; experimented with **Pandas**, **NumPy**, and **Scikit-learn** for feature scoring.
- CI/CD Demo** — Automated tests (**Jest/Pytest**) and builds via **GitHub Actions**; Dockerized deployment.

EDUCATION

B.Sc. in Computer Engineering — (Expected) 2026

Türkiye

Relevant coursework: Data Science, Web Development, Databases, Networks, Software Engineering.

CERTIFICATIONS & LANGUAGES

- AWS Cloud fundamentals (self-study) • Git & Linux command line • Agile/Scrum practices
- Languages: Turkish (native), English (professional working proficiency)