YİĞİT CAN YÖNTEM

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SUMMARY

Medior Full Stack Engineer with over three years of industry experience designing and building high-availability microservices, developer platforms, and AI-assisted web applications. Skilled in Java, Spring Boot, React, PostgreSQL, Docker, Kubernetes, and modern observability stacks. I have delivered production-grade systems with authentication, encrypted user data, automated CI/CD, LLM-backed features, and measurable performance improvements, including a 94% backend optimization in production workloads.

TECHNICAL SKILLS

Back End: Java, Spring Boot, Spring Security, Spring Data JPA, Spring Cloud, OpenFeign, PostgreSQL, Redis, RabbitMQ, MongoDB, Python, Django REST Framework, WebSockets, AES-GCM encryption

Front End: React, TypeScript, JavaScript, Angular, React Native, Expo, Tailwind CSS, Shadcn/UI, Three.js, Framer Motion, SCSS

Cloud & Infrastructure: Docker, Kubernetes, Helm, Azure, AWS, Hetzner, DigitalOcean, GitHub Actions, GitLab CI/CD

Observability & DevOps: Grafana, Loki, ELK Stack, Micrometer, Zipkin, PostHog, Spotify Backstage, JUnit

AI & Automation: Ollama, self-hosted LLM integrations, OpenClaw automation, AI interview workflows, PyTorch, OpenCV, MediaPipe, privacy-aware AI features

EXPERIENCE

E.ON Digital Technology GmbH — via Sarıtay Bilişim (External Engineer)

Essen, Germany (Remote)

Medior Full Stack Engineer **04/2025 - Present**

ESPresso & ESP-OWL Platform

Spring Boot | React | Azure | PowerBI | GitLab CI/CD | Docker | Kubernetes | Helm | Grafana | Loki

- **Developed internal platform capabilities for ESPresso and ESP-OWL**, combining Spring Boot services, React interfaces, Azure infrastructure, and observability tooling to support enterprise license and operational workflows.
- **Engineered resilient backend microservices** using Spring Boot, CI/CD pipelines, and containerized delivery practices for predictable production releases.
- **Improved production reliability through containerized delivery and monitoring**, using Docker, Kubernetes, Helm, Grafana, and Loki to make deployments and incident investigation more predictable.
- **Delivered business-facing dashboards and automation workflows**, helping stakeholders track software/license usage, operational KPIs, and compliance-related data with less manual effort.

4grands GmbH

Dortmund, Germany

Software Developer (Erasmus+ Intern) **08/2025 - 11/2025**

- **Completed a post-graduation Erasmus+ Traineeship** at the German headquarters of the parent company, collaborating with the international core team on shared engineering initiatives.
- **Contributed to cross-border development workflows**, gaining exposure to enterprise engineering practices, distributed collaboration, and production-oriented delivery standards.
- **Strengthened technical and cross-cultural communication skills** while working within a high-velocity, multinational team.

Sarıtay Bilişim

Antalya, Turkey (Hybrid)

Technical Lead & Full Stack Developer **12/2024 - 04/2025**

- **Led a high-velocity engineering team**, shaping technical roadmap, architecture decisions, and delivery practices for enterprise B2B and SaaS applications.
- **Built Saritay-IDP**, a custom Internal Developer Platform based on Spotify Backstage that automated 90% of recurring DevOps tasks and standardized Kubernetes provisioning.
- **Designed a Redis-backed caching layer**, achieving a 40% reduction in API latency and significantly reducing database load for high-traffic services.
- **Implemented event-driven communication** using RabbitMQ and OpenFeign, improving horizontal scalability and fault tolerance in distributed transaction flows.
- **Standardized containerized workflows** with Docker and Kubernetes, reducing deployment lead time by 30% through optimized GitLab CI automation.

Full Stack Developer (Part-Time) **10/2023 - 12/2024**

- **Refactored MongoDB and Spring Boot backends**, reducing query execution times from 5s to under 300ms, a 94% optimization that improved application responsiveness.
- **Developed high-throughput web scrapers** using JSoup, automating ingestion and sanitization of large-scale data from external sources.
- **Built cross-platform mobile interfaces** with Angular and Ionic, delivering responsive, native-like experiences across device types.

FEATURED PROJECTS

Engineer-Ready | *Spring Boot, React, PostgreSQL, Docker, Ollama, OpenClaw, CI/CD*

- **Designed a database-backed interview preparation platform** with clear domain boundaries for questions, categories, user progress, saved items, interviews, and AI mock interview sessions.
- **Implemented production-ready backend workflows** including PostgreSQL persistence, startup question-bank imports, authentication, environment-based configuration, and Dockerized deployment.
- **Integrated privacy-aware AI interview practice** through a backend-controlled self-hosted LLM flow, limiting usage to interview coaching and avoiding conversation persistence.
- **Built an OpenClaw automation pipeline** to continuously expand question coverage while keeping backend ingestion deterministic and reviewable.

Saritay IDP | *Spotify Backstage, Node.js, GitLab CI, Kubernetes, Azure AD*

- **Built a custom Internal Developer Platform**, centralizing infrastructure management and transforming manual DevOps workflows into self-service templates.
- **Integrated Microsoft Graph API and role-based access control**, enabling secure organizational mapping and controlled access to infrastructure resources.

Foodagram | *Spring Boot Microservices, React Native, Expo, PostgreSQL, RabbitMQ, Redis, MinIO, WebSockets*

- **Built a food-focused social platform with a Spring Boot microservice architecture**, including auth, user, content, chat, notification, file, cache, API gateway, and service discovery modules.
- **Implemented JWT-secured user flows and real-time chat**, using Spring Security, WebSocket/STOMP communication, PostgreSQL persistence, and RabbitMQ-backed service messaging.
- **Developed a React Native/Expo mobile app and React admin panel**, supporting feed, post, recipe, profile, notification, report, moderation, and chat workflows.
- **Integrated supporting infrastructure services** including Redis caching, MinIO-based file storage, Eureka service discovery, Zipkin tracing, and a Django REST/PyTorch AI service for food image prediction.

SpotiMap | *Spring Boot, React, TypeScript, Mapbox GL JS, Spotify OAuth2, Ticketmaster API, PostgreSQL*

- **Engineered a 3D interactive concert discovery platform**, combining Spotify OAuth2 personalization, Ticketmaster event data, and Mapbox GL JS visualization.
- **Built a Spring Boot 3 backend with PostgreSQL persistence**, supporting Spotify authentication, artist search, concert discovery, user profiles, and favorite concert tracking.
- **Developed a React 19 + TypeScript frontend** with an interactive dark-themed map, custom concert markers, artist search, concert sidebars, and guest/personalized discovery modes.
- **Packaged the application as a unified Docker deployment**, building the frontend into the Spring Boot static bundle and deploying through a GitHub Actions/GHCR workflow.

Gamified Portfolio | *React, Framer Motion, TypeScript, Tailwind CSS*

- **Built an interactive RPG-themed professional showcase**, using state management and motion-based UI patterns to present career milestones.
- **Optimized the experience for multiple device sizes**, implementing adaptive layouts and high-performance animations.

Cam-Censor | *Python, OpenCV, MediaPipe, ML*

- **Developed a real-time AI privacy tool** that masks sensitive data such as faces and IDs in live video feeds using computer vision techniques.
- **Optimized inference workflows**, achieving smooth 30+ FPS performance on consumer-grade hardware.

EDUCATION

Antalya Bilim University - B.Eng. in Computer Engineering (GPA:**3.45/4.00**) **09/2021 - 06/2025**

LANGUAGES

Turkish (Native) | **English** (C2 - EF SET 79/100) | **German** (A2)