

İhsan Tarık Akkoyunlu

SOFTWARE DEVELOPER

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Summary

Full Stack Developer with hands-on experience in building enterprise-grade, cloud-native systems. Specialized in Spring Boot microservices, scalable data architectures, and Kubernetes-based CI/CD pipelines. Worked on large-scale projects in automotive, telecom, public sector, and education, contributing from system design to production-grade DevOps and release management.

Experience

NEG Teknoloji • Ankara, Türkiye

06/2025 - Current

- Designed and developed Spring Boot based microservices following Hexagonal Architecture principles, ensuring clean domain boundaries, high testability, and long-term maintainability.
- Implemented PostgreSQL for data persistence and integrated quality gates using SonarQube, establishing coding standards and continuous code health tracking.
- Built a complete GitLab CI/CD pipeline on Kubernetes, integrating Nexus as the artifact repository and automating multi-environment deployments using ArgoCD for GitOps-based release management.
- Led the technical foundation of a new enterprise system for the Turkish Patent and Trademark Office, setting up infrastructure, DevOps workflows, environment configurations, and development standards from scratch.

myexamy • Ankara, Türkiye

03/2025 - 06/2025

- Developed and maintained a Learning Management System (LMS) for SINAV Schools, enhancing educational delivery and system reliability.
- Built robust backend services with Spring Boot and dynamic user interfaces using React.js, integrated with MongoDB for scalable data management.
- Designed and implemented custom reports using JasperReports to support academic and administrative decision-making.

DXC Luxoft • Germany (Remote)

09/2024 - 02/2025

- Developed and maintained the Reprocessing as a Service (RaaS) project for BMW's Autonomous Drive, utilizing Java Spring Boot, Python, and various scripting languages for pipeline management.
- Leveraged AWS services such as ECR, EKS, EC2, S3, SQS, EventBridge, and more for deployment stack.
- Automated CI/CD processes using GitHub Actions and Argo Workflows for efficiency.

NISH Business Solutions • Ankara, Türkiye

04/2023 - 08/2024

- Developed and maintained Turk Telekom billing services using Spring Boot, Spring Framework, Angular, and React.
- Collaborated with cross-functional teams to ensure seamless integration and functionality.
- Implemented innovative solutions to enhance user experience and optimize billing processes.

Education

Ankara Yıldırım Beyazıt Üniversitesi

2017/2022

Bachelor's degree in Management Information Systems

Skills & abilities

AWS • Docker • Kubernetes • Java • Spring Boot • React.js • PostgreSQL • RabbitMQ
Argo • Git • JasperReports • JavaScript • Microservices • OOP • ORM • Spring Framework