

# Erdem Bektas

## EXPERIENCE

### Senior Backend Engineer | Pushouse

07/2024 - Present

- **Architected and orchestrated the full lifecycle of microservices via Terraform**, provisioning isolated VPC networks, managed databases (RDS/DocumentDB), and IAM security policies without relying on external DevOps teams.
- **Established automated CI/CD pipelines** and containerization strategies (Docker), enabling rapid and reliable deployment of high-performance async workers.
- **Engineered a Zero Data Loss messaging infrastructure** using **RabbitMQ** and **Redis Sentinel**, ensuring reliable data synchronization across services.
- **Eliminated critical technical debt** by refactoring startup-legacy code into scalable, polymorphic architectures, improving system stability.
- **Optimized AWS Cloud** resources through architectural improvements, directly reducing monthly operational costs while handling aggressive company growth.
- **Accelerated development cycles** by integrating AI-powered tools into the workflow for efficient problem solving.

### Full Stack Engineer | Suitech Software

06/2022 - 11/2023

- Designed and deployed scalable cloud architecture on **AWS**, integrating **decentralized storage** solutions (**IPFS/Pinata**) with traditional backend services.
- Developed high-performance backend services using **TypeScript**, **Next.js**, and **MongoDB**, acting as a bridge between game logic and blockchain networks (Ethereum, Polygon, BSC, Solana).
- Engineered a secure P2E (Play-to-Earn) game marketplace and a custom token swap system, handling complex state management via **Express.js** and **Redis**.
- Implemented automated CI/CD pipelines for both server-side applications and smart contract deployments, ensuring seamless updates across the blockchain ecosystem.
- Created robust APIs to facilitate real-time token operations and sales, serving as the backbone for the project's tokenomics distribution.

## **Full Stack Engineer | Med-Tip Medikal**

03/2021 - 01/2022

- Orchestrated the end-to-end digital infrastructure for the 'Drlinee' brand, overseeing both technical development and operational strategy.
- Developed custom API integrations using **Python** and **PHP** to synchronize e-commerce inventory with external platforms and logistics providers.
- Optimized platform performance and SEO infrastructure, significantly improving search engine visibility and user access speeds.
- Automated daily operational tasks and data reporting using **Python** scripts, reducing manual workload.

## **Intern | Ziraat Bank A.Ş.**

07/2018 - 08/2018

- Designed and developed an internal "Daily Control System" using **ASP.NET** within the Information Technologies Department, utilized for monitoring branch activities.

## **EDUCATION**

### **Computer Engineering**

Kastamonu University, Turkey (2016 - 2021)

## **TECHNICAL SKILLS**

- Programming Languages: Golang, NodeJS, JavaScript, TypeScript, Python, Solidity
- Backend: Nest.js, GoFiber, Express.js
- Frontend: React.js, Next.js, EJS
- Databases: MongoDB, PostgreSQL, MySQL
- Tools: AWS, Terraform, Docker, RabbitMQ, Redis, CI/CD
- Monitoring: New Relic, Loki, Grafana