

Anıl Arıkan

Software Developer

✉ aanilarikann@gmail.com ☎ +905449492035 📍 Büyükçekmece/İstanbul

🌐 linkedin.com/in/anil-arikan-4b8904193/ 🐙 github.com/anilarikn

SUMMARY

Software Developer with 4 years of experience specializing in high-performance backend systems. Expert in Node.js and .NET ecosystems, with deep proficiency in cloud-native architectures (GCP/ AWS). Experienced in managing containerized environments (Docker/ Kubernetes) and optimizing CI/ CD workflows to bridge the gap between development and operations.

EXPERIENCE

Full Stack Developer

Mar 2026 - Jun 2026

Karavan

- **Distributed Systems & nopCommerce Architecture:** Developed and maintained modular .NET Core services within a distributed architecture, specifically focusing on extending the **nopCommerce** ecosystem through custom plugin development to enhance system flexibility.
- **Backend Modernization:** Executed a legacy migration to Node.js that improved API throughput by **35%** and decreased developer onboarding time for new plugins by **25%**.
- **Infrastructure & Cloud Operations:** Streamlined software delivery via Docker, achieving a **40% faster CI/CD pipeline** and managing AWS (EC2) environments for high-availability production.
- **Database Engineering:** Designed and optimized relational database schemas using PostgreSQL, ensuring high data integrity and performance for complex, high-volume transactions.
- **Full-Stack Implementation:** Delivering end-to-end features by integrating complex backend APIs with responsive frontend interfaces (HTML, CSS, JavaScript).

Backend Developer

Mar 2022 - Mar 2025

GAİN Medya

- **Cloud Migration:** Actively participated in a large-scale migration from GCP to AWS for services handling **high-volume traffic**, ensuring zero data loss and **99.9% uptime** during transition.
- **Serverless & Scalable Backend:** Designed event-driven services using GCP Cloud
- **API Integrations & Authentication:** Co-designed a content management API, integrated third-party services and GCP Cloud Storage, and implemented QR-based authentication with Redis caching.
- **Database Design:** Engineered horizontally scalable NoSQL schemas using **Firestore**, focusing on maintaining high-performance data access for large datasets.
- **Internal Tools & Visualization:** Developed a comprehensive Admin Dashboard to streamline operational workflows, featuring complex data visualization and management tools.
- **Security & Monitoring:** Managed application security via **GCP IAM** and **Firebase Auth**, while ensuring system reliability through **GCP Stackdriver** monitoring.

Operations Specialist - L1

Aug 2020 - Feb 2022

VUCOS

- **Issue Resolution:** Resolved an average of **50+ technical user issues weekly**, maintaining a **95% user satisfaction rate**.
- **Monitoring Efficiency:** Monitored live streams and infrastructure via Zabbix and Grafana, reducing system downtime by **15%** through proactive incident detection.
- **Process Optimization:** Streamlined encoding and ingest processes via Wowza, resulting in a **20% improvement** in stream stability and startup times.

EDUCATION

Computer Programming, Associate's Degree

2017 – 2019

Istanbul University

- **Core Competencies:** Focused on **Algorithms & Data Structures**, **Database Management Systems**, and **Object-Oriented Programming (OOP)**.
- **Web & Network:** Gained practical experience in **Web Application Development** and **Network Fundamentals**, providing a strong foundation for cloud-native backend engineering.

SKILLS

Languages/Frameworks

- **Backend:** Node.js, TypeScript, .NET Core (C#), Python.
- **Frontend:** React, HTML5, CSS3, JavaScript (ES6+).
- **Architecture & Patterns:** Clean Architecture, SOLID, Microservices Patterns, RESTful API Design.

Cloud & Infrastructure

- **Google Cloud Platform:** Cloud Functions, Cloud Run, Firestore, Memorystore, IAM, StackDriver.
- **AWS:** EC2, DynamoDB, S3.
- **Containerization & Orchestration:** Docker, Kubernetes.
- **DevOps Tools:** CI/CD Pipelines, Git.

Databases & Tools

- **Databases:** PostgreSQL (SQL), Redis, Elasticsearch, Firestore.
- **Automation & Tooling:** Puppeteer, VS Code Extension API, Swagger.

LANGUAGES

English



PROJECTS

Sofra QR (Mr. Dumpling)

Dec 2025 – Jan 2026

Tech Stack: React, Node.js, Express, Google Cloud Platform, Firestore, Tailwind CSS

- **Dynamic Menu & SaaS Dashboard:** Architected a **SaaS digital menu platform** using React and Node.js, utilizing NoSQL (Firestore) for **real-time data sync** and reducing average page load times to under **200ms**.
- **Serverless Cloud Architecture:** Architected a containerized backend on **GCP Cloud Run** using **Docker**, ensuring cost-efficient auto-scaling.
- **Data & Media Management:** Integrated **Firestore** for real-time NoSQL sync and **GCP Cloud Storage** for high-availability asset management.
- **Performance Engineering:** Optimized the end-to-end pipeline and API response times to ensure a seamless mobile-first user experience.

Code Buddy (IDE Extension)

Jan 2026 – Feb 2026

Tech Stack: TypeScript, VS Code Extensibility API, HTML/CSS (Webview), Node.js

- **Gamified Productivity Engine:** Engineered a pixel-art productivity system utilizing a **custom state machine** to synchronize pet evolution with real-time developer activity and terminal events.
- **Persistent State Architecture:** Developed a robust logic layer to ensure **seamless state persistence** of pet health and evolution stats across multiple workspace sessions and IDE restarts.
- **Context-Aware Automation:** Implemented a system leveraging the **VS Code Workspace API** to dynamically trigger pet reactions based on file types, git commits, and build results.
- **Integrated Productivity Suite:** Designed and integrated a **Pomodoro-based Focus Mode**, directly linking deep-work cycles to the pet's progression and reward logic.
- **Responsive Webview Architecture:** Built a theme-aware, responsive sidebar interface using **VS Code's Webview API**, ensuring native-level UI integration with the IDE's internal styles.
- **URL:** open-vsx.org/extension/anilarikan/code-buddy-tamagotchi 