Sergey Zimakov

Backend Developer

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⊹ LinkedIn | 🖥 GitHub | 🌍 Web Site

Profile

Backend developer with 3+ years of experience in C#, Node.js and SQL. Passionate about solving complex problems and building efficient, scalable systems. Fast learner with strong analytical and communication skills, focused on delivering high-quality solutions.

Skills

Languages & Frameworks: C#, .NET, ASP.NET, Node.js, SQL

Backend & Systems: REST APIs, Windows Services, Database Design

DevOps & Tools: CI/CD, Docker, Git, Jira, Agile

Familiar With: WinForms, Kubernetes, Grafana, Angular, React, Flutter

Experience

Backend Developer | Galcon Computerized Control Systems   April 2023 – Present

Develop smart farm controllers using C#, .NET, Node.js, SQL Server, Redis

- Build and optimize REST APIs and backend communication servers
- Collaborate closely with Product Manager and Embedded team to design database structures, algorithms and communication protocols
- Work in an Agile team using Git and Jira
- Developed a scalable load testing tool to simulate thousands of devices
- Created a desktop tool using WinForms to track and simulate Redis messages
- Actively involved in all major projects across the product

Full Stack Developer | Minicy Catom LTD   August 2021 – March 2023

Developed and maintained an energy control system using C#, ASP.Net and SQL Server

- Designed database Structure
- Optimized SQL procedures, reducing reports and billing generation time
- Developed Windows Services for background tasks

My Projects

WorkingHoursAPI | 2024 – 2025 | Git

Technologies: C#, PostgreSQL

Main Purposes of the project:

- Build a REST API for tracking work shifts using C# and .NET
- Explore PostgreSQL and pgAdmin for database management
- Practice using Entity Framework to interact with the database

CMake | 2022 | Git

Technologies: CI/CD Actions, CMake, Docker, C++

Main Purposes of the project:

- Learn to create a simple C++ project with cross-platform support using CMake and Docker
- Practice setting up CI/CD pipelines to automatically build and deploy the project
- Practice working in a Linux environment

More projects on Git page

Education

Full Stack Developer | John Bryce, Haifa   March 2020 – April 2021

Graduated with honours

Programming Engineer | ORT Braude, Karmiel   October 2018 – March 2020

Paused due to personal circumstances

Electro-mechanical Junior Engineer | ORT Braude, Karmiel   October 2015 – June 2017

Graduated with honours

Languages

Hebrew – Native

Russian – Native

English – Proficient