

Yasen Dimitrov

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Skills

Languages: TypeScript, JavaScript, Python, PHP, SQL, Rust

Technologies: Node.js, Next.js, NestJS, Redis, RabbitMQ, Docker, MongoDB, GitHub Actions, LangChain

Work Experience

Software Developer, LimeChain – Sofia, Bulgaria

Dec 2025 – Jan 2026

- Developed and shipped production improvements to a Python-based AI service using LangChain, improving prompt logic to enable accurate account holdings computation

Backend / Full-Stack Software Developer, MClimate – Sofia, Bulgaria

Mar 2024 – Dec 2025

- Designed and implemented a backend-driven rules engine for device-triggered automations, powering 500+ active rules in production
- Led Meilisearch integration and backend microservice refactors (PHP API, NestJS), deploying a dedicated search service in Docker Swarm and achieving a 10x improvement in search performance
- Led JavaScript-to-TypeScript migration and introduced CI quality gates (pre-commit hooks and commit standards), improving maintainability and reliability

Technical Consultant, FactSet – Sofia, Bulgaria

May 2022 – Mar 2024

- Utilized advanced SQL to interface with large-scale client databases
- Performed extraction, transformation, and optimization of financial datasets for production use

Projects

Mangify: Cooking Recipes Platform

[View Mangify](#)

- Built a multilingual recipe platform with Next.js 15, enabling users to browse, rate, and comment on recipes; create and share personalized collections; and access videos and culinary articles
- Developed the backend using Supabase (authentication, PostgreSQL DB, edge functions) for scalable, serverless operations
- Integrated Meilisearch with Supabase webhooks for instant search and real-time synchronization, and implemented Redis-based rate limiting to protect APIs and ensure system stability.

Meal Planner

[View Meal Planner](#)

- Developed a full-stack meal planner with active users using TypeScript, PostgreSQL, Express, React, and Node
- Architected RESTful backend services using Redis for secure server-side sessions and high-performance caching, Mailgun for user verification emails, and Firebase for social logins
- Containerized the entire web app and established a CI/CD pipeline for automated deployments on Hetzner

Education

University of Helsinki, Finland – Full Stack Web Development

June 2023

University of Catolica, Portugal – Master in International Business Law

July 2015

University of Manchester, UK – Bachelor of Law

June 2013