Max Mayorov

Senior Software Engineer

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Leuven, Belgium

Experienced Senior Full-Stack Developer with solid hands-on experience in the marketing, advertising and banking industry. Have strong analytical thinking and problem-solving mindset. Team player and experienced coaching teammates. Skilled in front end (React, NextJs, Typescript) and back end development (.NET, NodeJs). Outstanding knowledge of databases (SQL and NoSQL), content management systems (Contentful, Directus, Sitecore), agile methodology and cloud services (Azure). Highly skilled software engineering professional with T-shaped profile and more than 20 years of experience. Deep understanding of fundamental concepts (SOLID, Clean Architecture) as well as modern trends in software development and devops. With passion for modern technologies like functional programming, AI, infrastructure as code and serverless.

Skills

- **Core concepts:** SOLID, Clean architecture, Serverless, Event sourcing, DDD, TDD
- **Full-stack:** NextJs, NodeJs, React, TypeScript
- **Front-end:** Tailwind, HTML5, CSS3, SCSS
- **Back-end:** .NET, C#, Python, ORM (Entity Framework), LINQ, GraphQL, REST
- **Databases:** SQL Server, Solr/Algolia, NoSQL
- **CMS:** Sitecore, Directus, Contentful
- **Cloud:** Azure Cloud, Cloudflare, Netlify,
- **DevOps:** Terraform, Docker, k8s, CI/CD, Git
- **Data analysis:** OLAP, Data Warehouses
- **Unit testing:** jest, playwright, cypress, ms test

Certifications

- Principal Developer Masterclass (2024)
- Contentful certified professional (2024)
- Azure Fundamentals (2023)
- Sitecore certified developer (2019)

Boondoggle: Senior Full Stack Developer, Technical Lead

2012 – now

Led the implementation and maintenance of websites and applications for different clients, ranging from banking software to international Sitecore websites for international brands, most recent on top:

- **Crefius (2024): Technical Lead, Full Stack Developer**

  Led the team to develop of a white-label portal for Crefius customers to efficiently manage their loans. Led a team to implement a robust application using NextJS app router and Directus Cloud as CMS. Integrated with banking API, optimized performance to reduce API load and enhance user experience. Conducted load testing using K6.

  Techs: NextJs, React, Tailwind, REST, GraphQL, K6, Playwright, Directus CMS, Docker, DevOps

- **Biobest Group (2023-now): Technical Lead, Full Stack Developer**

  Created the business website for the client using NextJS, React, and Directus Cloud CMS. Integrated SAP and Azure Storage for product data, incorporated Auth0 for SSO with the webshop, and established DevOps and infrastructure.

  Techs: NextJs, React, Tailwind, GraphQL, Directus CMS, Azure Cloud, Auth0, DevOps, Netlify, Cloudflare

- **UAntwerpen (2022-now): Technical Lead, Full Stack Developer**

  Led the team to develop websites for the University of Antwerpen using NextJS and Directus Cloud CMS using headless JamStack architecture. Implemented a comprehensive permissions system in Directus that allows granular control of permissions for the website editors and content creators. Setting up DevOps and infrastructure.

  Techs: NextJs, React, Tailwind, GraphQL, Directus CMS, Auth0, DevOps, Netlify, Cloudflare

- **Stellantis (ex-Opel Finance, 2021): Senior Full Stack Developer**

  Developed a dealer dashboard for Opel Finance with NextJS, integrated Auth0, and optimized the database for performance. Maintained ETL project to aggregate data from multiple sources. Assisted in creating Power BI reports and processing applications in .NET Core. Implemented Devops pipelines and Azure cloud infrastructure in Terraform

  Techs: NextJs, React, Tailwind, .NET, REST, SQL Server, Power BI, Terraform, Azure Cloud

- **Yves Saint Laurent (2021): Front-End Developer**

  Supporting Ekino in implementing a launch website for Yves Saint Laurent fragrance.

  Techs: React, Tailwind, 3D

- **Nomad Foods Europe / Iglo (2017-now): Senior Sitecore Developer**

  Maintaining a international and multilingual website for frozen food brand Iglo. Implementing campaigns and custom pages in Sitecore website.

Techs: .Net, Sitecore, REST, Razor, SCSS, Javascript, Sonarqube

- **Cevora (2019-2022): Technical Lead, Full Stack Sitecore Developer**

  Led the team to build a headless Sitecore website using Sitecore JSS, React, and .NET. Integrated with Cevora CRM and other systems, fine-tined SOLR search engine to client needs. Set up DevOps and infrastructure in Azure. Maintained and upgraded the solution, upgrading Sitecore and implementing new features.

  Techs: .Net, Sitecore, React, SCSS, Solr, REST, Devops

- **Defensie (2019): Senior DevOps Engineer**

  Designed and managed the architecture and infrastructure for the website. Implemented build and deployment processes using Azure DevOps, Azure Cloud, Terraform for declarative infrastructure, and Sonarqube for code quality assurance.

  Techs: Devops, Azure Cloud, Terraform, Sonarqube

- **Argenta (2018-2019): Senior Sitecore Developer**

  Implementing client requirements for the pages and modules in Sitecore 8.1 and Angular JS website.

  Developing a middle layer between website front-end and banking back-end. Integration of the middle layer into website front-end.

  Techs: Sitecore, Angular, SCSS, REST

- **Sporty vzw (2017-2018): Functional Analyst, Senior Backend Developer**

  Designed and implemented a highly scalable and performant reservation system for children's summer activities. Developed backend API in .NET Core, frontend in React, and database in Azure SQL.

  Techs: .NET, React, SCSS, SQL Server, Azure Cloud, REST

- **NMBS (Belgian Railroads, 2017-2018): Senior Sitecore Developer**

  Enhanced the Sitecore team to implement new functionalities for the public website following Helix guidelines within an Agile framework. Developed modules and pages in ASP.NET, .NET Core. Maintained Angular frontend.

  Techs: Sitecore, .NET, Angular, SCSS, REST

- **Delhaize (2017)**

  Implementing campaigns website in Sitecore, using Helix guidelines. Designing a chat bot. Designing and implementing REST API with ASP.MVC technology for driving end of year campaign.

  Techs: Sitecore, .NET, REST

- **Chivas (2016): Tech Lead, Senior Sitecore Developer**

  Led a team to the implementation of multi-site Sitecore website for whiskey brand. Implementing campaigns and custom pages in Sitecore website.

  Techs: Sitecore, .NET, HTML, SCSS

- **Evi Banking (2015-2016): Senior Backend Developer**

  Developed an integration between the website and banking software, creating a middle layer between the frontend and backend. The middle layer followed REST architectural principles, implemented with .NET and integrated with the banking software.

  Techs: .NET, REST

- **Rabobank International (2012-2015): Senior Backend Developer, Data Analyst**

  Led the Marketing Database project, analyzing customer requirements, implementing database changes, and integrating with Selligent campaigning software. Developed an ETL layer between banking software and marketing tools, conducting incident investigation and impact analysis. The implementation utilized .NET framework and SQL server for the data warehouse.

  Techs: .NET, SQL Server, Selligent

Sibev: Technical Lead

2017 - 2018

Developed software to automate fraud detection processes for telecom operators. The web application was implemented with React, backend API in .NET Core, and database in Azure SQL. Also an Android app was developed for field agents.

Techs: .NET, React, REST, SQL Server, Azure Could, Java, Android

Pluritech: Technical Lead

2005 – 2012

Moved to Belgium to work as analyst developer of web and database applications for Pluritech. Later became tech lead, managing the development and deployment of in-house CMS and other projects. Was in charge of strategic planning for the development of the projects and coaching freelance developers. The technology stack included .NET framework and SQL Server.

Techs: .NET, HTML, CSS

Fistech (Moscow): Head of Customer Support

2002 - 2005

Developed a widely distributed customer management application for Nornikel, progressing to Head of Customer Support. Analyzed customer requirements and support claims, and developed CRM software. The software was written in Delphi and used Oracle database.

Techs: Delphi, Pascal, Oracle

Education

Master of Science in Automation

Ryazan University of Technology, 1996 - 2001, diploma cum laude

Languages

- English: fluent
- Dutch: advanced
- Russian: mother tongue

Hobbies

- Two kids
- Playing music
- Photographing portraits
- Winter sports