Mihai-Ciprian Șerban

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Summary

Edge Cloud Computing enthusiast, a supporter of Open Source, and in love with the Javascript ecosystem. Kickstarting new ways to think and develop web apps with Microservices and Cloud services to ensure quality products.

For more information about me visit my website:
• serbanmihai.com

⌨# My main stack of choice:
Next.js • React.js • Tailwind CSS • Cloudflare (Workers, Pages, KV, Durable Objects, R2, DNS, Cache) • AWS (Lambda, S3, EC2, Cloudfront, API Gateway, Cloudwatch) • Node.js • Serverless • Framer Motion • Figma

What I'm learning:
Astro.js • Solid.js and SolidStart • WebAssembly • Motion One • Three.js

Experience

Founder & Full Stack Engineer

Overforged

Aug 2022 - Present (1 year 9 months)
• Providing Full-Stack Development, Web Design, and Consulting Services for Web Apps to optimize and balance their performance, stability, and experience with final users.
• Planning, Designing, and Building from the ground up solutions within the Cloud with regard to a constant balance between quality and costs.

Full Stack Engineer

Axsys Romania

Feb 2022 - Apr 2024 (2 years 3 months)
• Migrated an e-commerce web app to Next 13 and developed an on-demand image microservice to serve
optimized assets across all devices within all network speed ranges.
• Designed and implemented new UI components in Tailwind CSS to fit the new project style direction and eliminated legacy code.
• Created a new Serverless microservice in AWS Lambda to handle on-demand image manipulation and serving.
• Added both static and dynamic (SSG and SSR) pages to handle routes according to customer requests.
• Researched and developed additional solutions for building and deploying the app according to new trends that came in tech related to the JS ecosystem and meta frameworks.

Sr. Infrastructure Engineer

Modis

Oct 2021 - Feb 2022 (5 months)

• Managed a Serverless Low Code Platform deployed on AWS and Cloudflare

• Designed new microservices across the cloud to fit the existing architecture and build CI/CD pipelines with feature branching for repositories of the organization.

Implemented new API routes over the gateway in Python to allow additional control for the main app

Sr. Cloud Development Engineer

Resideo

Jun 2021 - Oct 2021 (5 months)

• Managed the data flow for an IoT cluster communicating with smart home systems.

• Migrated parts of an on-premise Cloud solution to Azure and reconstructed modules of the cloud infrastructure to fit the new provider guaranteeing the health of the connection across physical hardware and software

DevOps Engineer

ASSIST Software

Sep 2018 - Jun 2021 (2 years 10 months)

• Designed and integrated Hosted and Serverless Microservice based solutions across PaaS and IaaS Infrastructures for different app fields, from Educational to Press

• Managed the infrastructure for several enterprise domains on CloudFlare and AWS API Gateway/ CloudFront taking care of DNS routing, caching strategy

• Created CI/CD pipelines for the automation of testing and deployments

• Created and managed Docker containers both on-premise and AWS ECS hosted

• Designed disaster recovery plans on CloudFlare to prevent revenue loss for clients and participated in L2 on-call support

• Migrated an old WordPress solution to a microservice lambda-based (serverless) solution, cutting costs of runtime by 60%

Education

Universitatea „Ștefan cel Mare" din Suceava

Engineer's degree, Computer Software Engineering

2016 - 2020

Licenses & Certifications

C1 Proficiency – Score 210 - Cambridge University Press & Assessment English

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Skills

Microservices • Edge Computing • REST APIs • Tailwind CSS • Next.js • TypeScript • Cloudflare • React.js • Serverless Framework • Amazon Web Services (AWS)