

Monika Kindernayova

Senior Software Engineer

Slovakia

minka.space

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A software engineer with 12+ years of experience, passionate about developing applications that simplify everyday life.

Career break

Maternity leave

minka.space

Jan 2024 - Current

Personal website implemented with Next.js (React), Typescript, Tailwind CSS, and Three.js. Play the snake game and travel across the space. [Code](#)

Work experience

Senior Software engineer II

Auth0 by Okta

Aug 2020 - Dec 2023

- Migrated Auth0's blog (500K monthly views), cutting deployment from 30+ min to ~5 min. Built a custom CMS with instant previews, improved load speed, navigation, and Lighthouse score by 20%. Led architecture improvements and optimized a decade of blog data (1500+ posts). Using Next.js (React), styled-components, and Contentful.
- Implemented and adapted a design system across the website, enabling better reusability and accessibility using React, React aria, and styled-components.
- Architected and implemented a headless routing solution to overcome Cloudflare's rule limits to route hundreds of pages while migrating from one system to another. Collaborated with the Cloudflare team to explore possible options. Led the rollout, and documented potential risks and rollback scenarios to ensure a smooth deployment. Implemented using Cloudflare KV storage, workers, and cron jobs.
- Migrated the website from CloudFront to Cloudflare, implementing rate-limiting rules to prevent DDoS attacks. Led initiative to simplify the route structure to reduce the complexity of migration and coordinated cross-team collaboration across 4 teams to achieve this.
- Mentored colleagues through 121 sessions, engaged in pair programming to debug complex issues, prototyped new features, and facilitated knowledge sharing

Senior Software engineer I

Auth0 by Okta

Feb 2019 - Aug 2020

- Developed a custom CMS for the website, enabling instant previews, and reusable modules. Improved marketing collaboration by simplifying page creation and content updates, integrating with Jira for better workflow management. Using Next.js (React) and styled-components.
- Introduced an automated monitoring and alerting system, unifying logs and creating a runbook for the website, significantly reducing undetected outages and improving incident response time using Coralogix, Slack, and pagerDuty.
- Consolidated 8 microsites into a monorepo, improving maintainability and significantly reducing deployment time.
- Upgraded React to v16, introduced react hooks, and delivered a knowledge-sharing session on best practices.
- Optimized CI time by ~40% by running Cypress tests in parallel, utilizing a built-in Docker image, and enabling Docker build caching.

Software engineer

Skyscanner

Sep 2015 - Aug 2018

- Worked on the main flight search on the website using Node.js, React, Backbone and CoffeeScript.
- Migrated services from data centres to AWS, ~100 req/s using Docker and AWS.
- Implemented backend services for traveller identity with REST API using Java and C#.
- Managed database (Couchbase) with ~30 million users.
- Health monitoring of services using Bosun, OpenTSDB and VictorOps.
- Developed A/B-tested front-end components to improve UX and conversion with Javascript, React and Backbone.

Software engineer

SalesXp

Jun 2011 - Aug 2015

- Developed interactive financial tools built with Javascript and HTML5.
- Visualized data in 2D/3D charts using Three.js and D3.js
- Developed a tool for creating widgets using PHP, Javascript and Backbone.

Skills

Languages

Html, Css, Javascript, Typescript, PHP, SQL

Technologies

NodeJS, React, NextJS, Gatsby, Express, MySQL, MongoDB, AWS, Docker, Cloudflare, Heroku, Redux, Styled components, Cypress, Terraform

Education

Masters Software Engineering

Slovak University of Technology in Bratislava

2006 - 2011