Mikalai Sokarau

Software Engineer

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Summary

Software Engineer with 5 years of experience designing and building web applications and scalable cloud-based distributed systems used by 1 million customers worldwide. Proficient in JavaScript, TypeScript, React, Angular, Node.js, HTML, CSS, AWS, and other technologies. Experienced in creating responsive, user-friendly applications, optimizing performance, and providing technical leadership.

Experience

COX Automotive Inc. | Carshop   Malaga, Spain

Senior Software Engineer   June 2022 - now

- Saved the company $60,000 annually by reducing the processing time of user-uploaded documents by 20% by developing a microservice written in TypeScript and using AWS Lambda, DynamoDB and API Gateway for automatic insurance verification by leveraging third-party API.
- Increased sales rate by 10% resulting in additional 80 cars sold on monthly basis by leveraging data from 6 distributed microservices to create a visual roadmap written in React giving users a clear understanding of the vehicle purchasing process.
- Reduced the order abandonment KPI by 15% by making the order processing asynchronous by leveraging AWS Lambda, SQS and SNS, which allowed customers to proceed with their purchase immediately after submitting an order.
- Saved the company $2000 monthly, reduced server load by 40% and provided users real-time updates by developing a microservice leveraging WebSocket protocol written in TypeScript and using AWS API Gateway, SQS, SNS and Lambda.

Wolters Kluwer | Legal Link   Malaga, Spain

Senior Software Engineer   December 2020 - June 2022

- Reduced by 60% the amount of manual work for users by connecting web and desktop applications to 3 machine learning systems analyzing and enriching a document with links in real-time by implementing a microservice using AWS Fargate, Node.js and Express.js.
- Reduced deployment time by 150% by automating the deployment process using Bamboo CI to build an application from source code, run unit and e2e tests, evaluate code quality, identify vulnerabilities, and set up multi-region deployment to 3 different environments using a Blue/Green strategy.

Wolters Kluwer | Avanzer   Minsk, Belarus

Software Engineer   May 2018 - December 2020

- Decreased user churn rate by 25% by implementing email notifications service sending to users instant, daily or weekly updates regarding new documents uploaded to the system using Angular, Node.js and DynamoDB.
- Saved the company $36000 annually by reducing sales department workload by 20% by implementing available 24/7 e-commerce service for selling online subscriptions using AWS Fargate, Node.js, Angular and Redux.
- Increased paid subscriptions rate by 15% by developing a self-sufficient notification system using Angular, Web Components, Node.js and DynamoDB allowing to send personalized messages to 12 different user groups and utilized by 80% of users within 3 months after the release.
- Decreased initial loading time by 30% in the application written in Angular and Node.js by implementing lazy loading, optimizing image sizes, and adding content compression.

Technical Skills

Languages: JavaScript, TypeScript, HTML, CSS, SQL
Frameworks: Node.js, React, Angular, Serverless, Express.js
Tools: Git, GitHub, Bitbucket, Jest, Cypress, AWS (API Gateway, Lambda, Fargate, SQS, SNS, DynamoDB), Redis, SCSS, Docker, Bamboo, Splunk, Postman

Education

International Institute of Labor and Social Relations   Minsk, Belarus

Bachelor in Economics and Marketing   2010 - 2015