Michael Dovhalov

I offer 4 years of hands-on experience designing, developing, shipping, and maintaining large-scale products where availability, performance, and security are paramount. I have established myself as a versatile software engineer who enthusiastically takes on new problems across the full stack.

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SKILLS

C#, ASP.NET ●●●●●
TypeScript ●●●○

SQL ●●●●●
Devops ●●●○○

React ●●●○○
Node.js Express ●●●○○

.NET Core, C#, Node.js, Express, React, JavaScript, TypeScript, SQL, Kafka, MongoDB, AWS, Azure, CI/CD, Docker, Kubernetes, DevOps, Scrum, GIT, SignalR, MVC, HTML5, CSS, Entity Framework, OOP, DDD, TDD, Unit/Integration/Stress Testing, Agile, LINQ, English, GitHub, Design Patterns, analytical and problem-solving abilities, communication, critical thinking, team player, MS Test, xUnit, SCSS, Jest

WORK EXPERIENCE

Bitcoin Suisse AG (Zug, Switzerland)

Full Stack Developer   Dec 2023 – Present

- Developing a crypto-oriented banking application.
- Developed a clustered microservice capable of handling hundreds of thousands of requests per second with below second latency, significantly enhancing backend reliability and performance.
- Solved dozens of different problems, including security, performance, processing of huge data streams, making efficient architectural decisions and improving the quality and functionality of the product.
- Made a major contribution to CI/CD automating the deployment of microservices in a cluster, greatly accelerating the speed and efficiency of product development.
- Skills and Tech: C#, ASP.NET, React.js, TypeScript, JavaScript, Blazor, Kafka, Azure, Microsoft SQL, Docker, Kubernetes, Grafana, Azure Pipeline, Microsoft Orleans, k6, Restful API, Postman, Git, Azure DevOps, web applications.

upSWOT (South Carolina, US)

Backend Developer   Feb 2021 - Dec 2023

- Developed multi-tenant SaaS accommodating hundreds of parallel tenants per application instance, exceeding gigabyte-scale throughput.
- Led backend development in the team, onboarded and mentored 3 newcomers to the team, allowing them to quickly get up to speed on work processes.
- Identified and fixed over 25+ potential vulnerabilities, enhancing product security for penetration testing and SOC2 certification.
- Integrated with more than 10 partners solutions using Rest API, OAuth, OIDC, and SAML significantly expanding the innovative functionality of the product with strict performance requirements.
- Repeatedly took initiative by making improvements to scrum processes improving the process and efficiency of development within the team.
- Engaged in dozens of client calls and supported client environments to provide technical expertise and recommend optimal integration solutions, successfully executing contracts and significantly increasing company revenue through successful deals.
- Prepared and presented workflow, deployment, architecture, use-case sequence, and data-flow diagrams to help partners understand technical processes.
- Skills and Tech: C#, SQL, ASP.NET, MySQL, MongoDB, Kafka, Redis, Docker, Kubernetes, GitLab ci/cd, Websockets, OAuth, SAML, Clickhouse, Grafana, JavaScript, REST Web Services, Postman, Linux, Google Cloud, ADO.NET, JIRA, NoSQL, business development, test-driven production code, GitFlow, PostgreSQL, Vue.

EDUCATION

State University of Telecommunications Ukraine

Bachelor's degree, Computer Science | Software Engineer   Completed

Links

- Reference available upon request.
- Portfolio: https://squikable.com
- Github: https://github.com/Squikle