OLEKSANDR HOLUB

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Summary

- Experienced Software Engineer with **10+ years experience** in wide range of technologies and project types, have a deep understanding of the various aspects of distributed systems using microservices and micro-frontend architectures.
- Able to build end-to-end solutions, from front-end user interfaces to back-end databases.
- Proven track record in architecting highly available and scalable systems with a focus on performance.
- Participating in full SDLC, from research and requirements gathering to development, testing, deployment, and maintenance. Strong collaboration in Agile environments, ensuring high-quality, scalable solutions.
- Proficient in Automation as a Code, Docker, Bitbucket, Jenkins, and Kibana.

Skills

- C# | ASP.NET | Java | JavaScript | TypeScript | Node | React | Vue | JQuery | MobX | RDB | NoSql
- Full-Stack | Microservices | Micro-frontends | Distributed Systems | REST | DDD | CQRS | API Design
- AWS | Azure | CI/CD | XUnit | Jest | Unity3D | Docker | Agile | Jenkins | Monolithic decomposition

Projects

- www.sharelink.dev. ShareLink is a website designed to assist developers in quickly sharing and accessing links to various best practices. Covering all layers of development: databases, backend, frontend, cloud, CI/CD.
- www.notes.oleksandrholub.com. Notes is a RESTful API built with AWS Lambda, API Gateway, DynamoDB, and SAM. The API allows users to create, read, update, and delete notes.
- Unity3d Mobile Game. The game was intended to be an RPG with a focus on tactical battles and procedurally generated levels. Throughout the development process, I encountered numerous challenges.

Work History

Full-Stack Software Engineer   Sep 2023 - Present
Goodfynd Inc   USA

- Developed essential back-end and front-end features for comprehensive web application using **.NET, Next JS, MongoDB**.
- Reimagined and integrated various architectural principles and styles, significantly accelerating the development process and enhancing system robustness.
- Proactively shared my expertise and experience with the team, fostering a collaborative environment and contributing to the collective improvement of our project.
- Achieved a substantial improvement in query performance, enhancing the speed and efficiency of database interactions by several folds.
- Mastered MongoDB queries and executed strategic refactoring, resulting in dramatically faster database read operations and overall system performance.

Full-Stack Software Engineer
Namecheap Inc

Oct 2020 - Sep 2023
USA

- Developed microservices and micro-frontends to establish highly scalable application architecture, driving $200M of revenue every year using the latest technologies of **.NET C#, Node JS, React JS, AWS, RDB, NoSql**.
- Used such tools: Vault, Teamcity, Jenkins, Docker, OpenSearch, Kibana
- Implemented and designed domain business logic, leading to a significant 23% increase in global revenue.
- Made strategic technology decisions to drive project success and optimize outcomes.
- Coordinated with cross-functional teams to align priorities and collaboratively achieve project goals.
- Implemented Continuous Integration/Deployment pipelines, conducted pull requests, code reviews, load/stress testing, and unit/integration testing.
- Utilized Scrum and Kanban methodologies for estimating work hours and tracking progress.

Full-Stack Software Engineer
Dedicated Lab

Aug 2019 - Oct 2020
Ukraine

- Developed essential back-end and front-end features for comprehensive web application using **.NET C#, Vue JS, CQRS, Sagas, PostgreSQL**.
- Divided monolithic application into modular components to align with Domain-Driven Design (DDD) principles.
- Implemented Command Query Responsibility Segregation (CQRS) pattern to enhance parallel development by separating queries and commands.
- Incorporated Sagas to enable distributed transactions and ensure robustness in application.
- Actively contributed to professional growth of team members by sharing knowledge and mentoring.
- Built databases and table structures for web applications.
- Coordinated deployments of new software, feature updates and fixes.

.NET / Java Software Engineer
Akvelon

Jun 2014 - Aug 2019
Ukraine

- Implemented essential back-end functionality for both microservices and monolithic architectures using **.NET C#, Java, Oracle**, Spring, Kafka, ActiveMq, IoT.
- Developing applications for the management of automated cranes at container terminals (IoT).
- Implemented and utilized custom frameworks that enhance development of integration tests.
- Developed and refactored Oracle procedures to enhance performance and maintainability.
- Mastered Java Spring, Hibernate, and other related technologies to expand capabilities and contribute to more exciting projects.
- Integrated Kafka to enable efficient asynchronous communication among microservices.

.NET Software Engineer
Lavasoft

Feb 2014 - Sep 2014
Ukraine

- Used critical thinking to break down problems, evaluate solutions and make decisions using .NET, WPF, MVVM.

.NET Software Developer
SMISS

Sep 2012 - Sep 2013
Ukraine

- Coordinated with other engineers to evaluate and improve software using .NET, WinForms.