Summary

I am a seasoned software engineer who can wear many hats depending on the specific needs of a project or company. I am passionate about working as an Engineering Manager, Architect, Software Engineer, DevOps, Lead and Consultant. My expertise lies in developing large-scale data platforms with simple solutions, and I have experience across a range of industries, including e-commerce, telecommunications, healthcare, gaming, and the internet of things.

I have extensive hands-on experience in software architecture design and development, as well as in high-performance, data-centric, and scalable software engineering. My favorite programming languages are Kotlin, Java, JavaScript, C#, and Python, and I have a strong focus on elegant coding.

With a drive for results and a constant learning and analytical mindset, I stay up to date with the latest technology developments and look for ways to leverage new technology to enhance current architectures and build durable new ones. I am also experienced in distributed applications, data streaming, system design and integration, complex data structures, performance engineering, mobile application development, domain-driven design, API-first design, REST APIs, OpenAPI and AsyncAPI standards, cloud architecture and providers, information security engineering, and code generation.

In addition to my technical skills, I possess strong communication skills and the ability to work effectively with individuals at all levels of an organization. I am proficient in business correspondence and technical presentation, and I am comfortable interacting with executive management. My high-level emotional intelligence and people skills make me a valuable asset to any team.

Experience

floLive, May 2020 - July 2024

Engineering Manager, Architect

- Focus on implementing outstanding cloud-native software for the Telco/IoT industry. I have hired and managed a team of around 30 cross-functional software engineers and personally created five Scrum teams. I own the architecture of several systems.

- I have managed and taken ownership of the full cycle of migrating software from on-premise to AWS cloud. I have also coordinated with departments and teams participating in the project.

- Additionally, I built and integrated a metadata-driven solution for API-first design and code generation, which is now used as a standard approach in development.

Lead Software Engineer

- Created a cross-functional team of engineers to build the project's core system.

- Lead, architect, develop, and integrate the core system of the project, from requirements to production.

- Set up CI/CD pipelines, Infrastructure as Code approaches and enhance Software Development and DevOps culture in terms of delivery.

Triber Ltd, June 2021 - July 2022

DevOps, Software Engineering Consultant

- Build the cloud infrastructure (AWS) and set up initial architecture for a startup in the sports and e-commerce industries.

- Provide DevOps support and create CI/CD pipelines.

- Assist in team development by setting up processes, defining roles, and providing guidance on using the Scrum Framework.

- Assist in hiring new engineers for backend, frontend, and mobile development.

Apdax, September 2020 - January 2021

Software Engineering Consultant

- Offer technical consultation on the architecture and implementation of cloud-native software for a healthcare startup.

- Advise on the implementation of a cloud-based framework that facilitates metadata-driven design and management of data-centric software

systems.

- As an independent consultant, I conducted meetings with engineers from DocuSign and VISA to discuss metadata-driven development, practical DDD, and code generation. I supported the engineers with API-first design and code generation usage tailored to their specific use case.

BlackHawk Network, September 2016 - May 2020

Software Architect

- Teach teams to use standards and tools, and coordinate the development and integration of massive and complex cross-team features.

- Design and build data streaming to the data lake, and implement a framework for integration with all systems.

Lead Software Engineer

- Led the Platform team in executing the technical aspects of building infrastructure and initiating digital transformation and software consolidation for enterprise software. Coordinated with many engineers working on the same system.

- Integrated a metadata-driven domain design solution and built instrumentation for code generation based on metadata provided by solution architects.

- Design and build core services, frameworks, and instrumentation for development teams.

Awega, April 2015 - September 2016

Lead Software Engineer

- Design and implement a platform for game management and user experience analysis. This platform is made to provide control over game behavior, implement a dashboard, and provide data insights.

- Hire and lead a team of Unity3D developers to create games for various mobile and web platforms.

Nimblecommerce, October 2011 - April 2015

Full Stack Engineer

- Design and implement RESTful APIs for the mobile applications

- Implementation of mobile version of Frontend for shopping cart experience and product catalog

Android Engineer

- Led and developed Android applications for customers on an e-commerce white-label platform.

- Built a framework and instrumentation for creating mobile applications from the same code base with different designs for various marketplaces.

- Designed and implemented a unique Android application for merchants that includes a code scanner and product management features.

East European University of Economics and Management, November 2010 - July 2011

Teacher of Java Programming Language

Education

East European University of Economics and Management, Cherkasy, Ukraine, 2006 - 2011

Master's degree, Economics Cybernetics,

Volunteer & Open Source

DJAI, API Design and Code Generation instrumentation, 2020 - Present

GeekHub, Teacher at Java for Web faculty, 2012 - 2015

Skills

Software Engineering

TDD, code review, pair programming, refactoring, prototyping, extreme programming, Unit Testing, Load Testing, Java, Kotlin, JavaScript, TypeScript, C#, Python, Spring, Maven, Gradle, JPA, Mockito, GraphQL, MySQL, PostgreSQL, MonoDB, ElasticSearch, Hazelcast, Apache Ignite, Kafka, Redis, Angular, React, Git, AWS

Project Management

Agile, Scrum Framework integration, Analysis and business goals & requirements gathering, Confluence, Jira, Trello, Rally, Release and Lifecycle

management, people management, conflict solving, development best practices

Software Architecture

practical DDD, API first design, REST, OpenAPI, AsyncAPI, CQRS, design patterns, code generation instrumentation, e-commerce, telecommunications, internet of things, PaaS, SaaS, IaaS, distributed applications, microservice architecture, digital transformation, enterprise systems consolidation, identity management, systems integration, service discovery, registry, gateway, event sourcing, circuit breaker, high availability, monitoring, telemetry

DevOps

Infrastructure As Code, Cloud-Native, Kubernetes, Docker, Load Balancing, Serverless, Nginx, Servlet Containers, Jenkins, Gitlab, Github, Bitbucket, AWS, Microsoft Azure, TeamCity, Terraform, JetBrains Space, Grafana, Prometheus, Micrometer, Opentelemetry

Languges

Ukrainian, English, Russian