Lead Software Engineer, Architect, Scrum Master

Software architect with 11+ years of experience in leading teams of engineers in designing, developing and delivering high-quality, scalable cloud-based software products promptly and under budget.

RELEVANT WORK EXPERIENCE

ArtBanx AG, Zurich, Switzerland
ArtTech startup focused on providing revolutionary, industry-leading technologies to make art a bankable asset class, unlock its value and empower financial decisions when trading art.

Team Leader, Senior Software Engineer   03/2022 – Present

Project 1: artbanx.io

- Supervised a team of 12 software engineers who developed and maintained an enterprise-level web application with Big Data processing of over 1M artworks daily.
- Teamed with 6 software engineers and lead the designs of integrations for three main platform products (shipping, payments and KYC), the first month on the job.

- Implemented Software Guidelines, Static Code checks and Development Standards that improved Software Quality by 80%.
- Slashed manual work actions on the infrastructure by 76% via enhanced CICD pipelines and automation jobs developed with the DevOps Engineer.

Project 2: arkefi.com

- Lead the backend team to deliver a pilot project showcasing the capabilities of finance and blockchain cooperation. Build the backend platform on ASP.NET Core with integration to the blockchain using TypeScript backend services and React.js as a frontend client

Project 3: Redesigned artbanx.io

- Building a new and improved version of the current ArtBanx Collection management system. Build an entirely new platform on the ASP.NET Core stack with Blazor pages, improving on the predecessor, fixing some of the architecture and design decisions that have been made while developing the first version of the system.

Build the entire infrastructure for the new platform running on-prem with Docker Swarm, using Portainer for monitoring and GitOps operations.

Raiffeisen Bank, Ukraine (Remote) commissioned by BlueSoft

Building a new modern mobile app for Raiffeisen Bank Ukraine customers.

Architect, Team Leader   09/2021 – 0/2022

- Lead a team of 7 cross platform developers (iOS, Android and Backend) on building a new platform for mobile banking.
- Working closely with the Security Team to design security-proof features.
- Introduced new features, deployed new CMS system for the business.
- Managed development cycles of the team.

PANKE Car Sharing S.A. commissioned by ITDS,   03/2021 – 09/2021

Warsaw, Poland

A leader in the rental and car sharing of cars and vans in Poland.

Architect, Team Leader

- Lead a team of 10 who developed an entirely new car sharing and rental platform for the organization.
- Defining each team member with specific roles and responsibilities, making it a team effort to deliver the platform in the best way.
- Redesigned the new microservice-based architecture to adopt Design Patterns and Event-Driven technics.
- Migrated all 30 projects to new, more modern build tools like Gradle, improving build times by 60%.
- Introduced advanced testing techniques for mocking and testing communication with external services in tests. Decreasing testing time execution by 40%, making tests fully independent from external factors.
- Migrating all 30 projects to GitLab from AWS CodeCommit, enabling full control over code reviews, improving code quality by introducing static code analyzers and proper CICD pipelines.
- Managed the delivery of the entire platform infrastructure build by an external company. Creating proper communication channels with well-defined rules and responsibilities between the development team and the DevOps improving cooperation by 87%. Before the two barely were able to cooperate.

Amvox International commissioned by ITDS,

Warsaw, Poland

FinTech with a soul purpose of creating a transparent and secure connection between banking, Renewable energy sources and financial institutions.

Architect, Team Leader, Scrum Master   02/2020 – 03/2021

- Lead the company from the technology side. Created both the company road map and vision of the product from a technology and architecture perspective. Building a team of 6 developers to create a blockchain based platform for real time reporting and monitoring. Connecting banking and financial institutions with renewable energy sources operators.
- Cooperating with potential partners and clients, preparing platform pilots showcasing key features that would be in demand to the consumers.
- Working with the Product Owner on creating the platform road map.

- Creating company development guidelines. Cooperating with the team to ensure best practices. Mentoring team members, initiating discussions to find alternative solution approaches.
- Used the ADR methodology to ensure transparency and clear vision of the architecture.
- Build an end-2-end automated testing framework allowing deploy the environment on an independent environment and test our critical features before deployments/review/presentations.
- Build the off-chain infrastructure based on AWS Fargate, deployed with GitLab CICD pipelines, while the on-chain part of the system would be deployed on an AWS EKS cluster managed by our Argo CD instance.
- Building a true team atmosphere, encouraging each team member to speak freely and taking initiatives whenever there is place.

Banyan Infrastructure, commissioned by ITDS
San Francisco, United States
Architect, Team Leader, Scrum Master   08/2019 – 02/2020

- Tasked with building a Polish development hub (starting of 3 developers and a business analyst) that purpose would be to collaborate with the US based team and build a project for injesting data to the platform and private blockchain network.
- Closely worked with the company CTO, introduced the ADR concept to persist our architecture decisions.
- Working with the Product Owner on creating the platform road map.
- Audit the existing solution build in Haskell, created critical issues and road map to ensure critical platform issues are resolved.
- Ensuring best practices are met when developing the platform, mentoring team members on correct usage of design and architecture platforms, TDD and usage of RDS maintained tools like Flyway.
- Migrated the platform to use Flyway for schema management.
- Created automated backups of the PostgreSQL on a regular basis.

PREVIOUS EXPERIENCE

Circle K Europe, commissioned by j-labs
Warsaw, Poland
Senior Software Engineer   06/2016 – 08/2019

Software Engineer
Altkom Software & Consulting, Warsaw, Poland   08/2014 – 05/2016

Software Engineer
Acxiom Global Service Center Poland, Warsaw, Poland   01/2012 – 08/2014

Software Engineer (Internship)
Samsung R&D, Warsaw, Poland   06/2012 – 09/2012