

Oleksiy Zelenyuk

Curriculum vitae

Software Architect

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Career Objective

I'm a Seasoned Software Architect seeking a challenging role where my extensive experience in full-stack development, agile methodologies, team leadership, and passion for creating efficient, scalable SaaS solutions can drive business growth and innovation. As a certified solutions architect, I look forward to leveraging my skills in various programming languages and cloud platforms. I aim to foster a collaborative environment, implementing cutting-edge technologies and architecting solutions that enhance user experience, performance, and business outcomes.

Summary of Qualifications

- IT Consulting
- Software Architecture
- Solution Architecture
- Technical Leadership
- Software Development

With over 15 years in the software industry, I've been fortunate to wear many hats, from full-stack developer to software architect. My experience spans front-end and back-end development, guiding software architecture, and leading dynamic teams.

My approach is deeply rooted in collaboration, ensuring that solutions address technical requirements and deliver genuine value to users.

Alongside my technical work, I've become well-acquainted with cloud services and have always advocated for continuous learning and improvement in our ever-evolving field.

Skills and Qualifications

Soft Skills

Leadership

- Engineering Management
- Technical Leadership
- Technical Ownership
- Mentoring
- Delegation

I guide teams toward successful project completion, using a “leader to leader” approach focusing on mentorship, fostering professional growth, and delegating leadership and responsibility.

Experienced in mentoring team members, nurturing their professional development, and growing future leaders within the organization.

Communication

- Written Communication
- Verbal Communication
- Presentation Skills
- Public Speaking
- Collaboration

Excellent written and verbal communication skills. Ability to explain complex technical concepts to non-technical stakeholders.

Goal-orientation

- Pragmatic approach
- Critical Thinking
- Tradeoff Analysis
- Decision Making
- Mitigation Planning

Strong analytical skills and a systematic problem-solving approach ensure efficient and effective solutions.

Making strategic decisions based on thoroughly evaluating complex issues considering different aspects, dimensions, and tradeoffs.

Hard Skills

I've worked on a wide range of projects, from small startups to large-scale enterprise systems, and each type of project requires a different toolset.

To avoid academic ivory tower discussions, I prefer to get my hands dirty and use the tools I talk about on real projects.

Methodologies and Practices I follow

- Architecture Tradeoff Analysis
- Domain Driven Design
- Clean Architecture
- C4 Model
- Agile/Scrum
- Extreme Programming

My approach is pragmatic and based on the best practices of the industry. I follow the ATAM and DDD principles for system design. I prefer C4 model for architecture visualization. I'm a big fan of the Clean Architecture approach and Uncle Bob's SOLID principles.

Tech Stack

- TypeScript
- JavaScript
- NodeJS
- NestJS
- React
- Angular
- Ruby on Rails

My primary development and prototyping tool is TypeScript and JavaScript; however, as an Architect, I led many projects with various technologies: PHP, .NET, Java, Ruby, and Python.

Platforms

- AWS
- Azure
- Google Cloud
- Digital Ocean
- Heroku

As a Software Architect, I've worked with various platforms, including AWS, Azure, and Google Cloud. I'm also familiar with Azure, Heroku, Digital Ocean, and other cloud providers.

Job experience

Director of Architecture at CreatorIQ

2022-2023

- Architecture Governance

- Architecture Review
- Architecture Documentation
- Technical Leadership
- Mentoring
- Project Discovery
- Proof of Concept development
- API Design
- PHP/Laravel
- NodeJS/NestJS
- GraphQL
- AWS/Serverless

CreatorIQ is a leading platform for Influencer marketing, providing B2B SaaS for brands and marketing agencies to make digital marketing campaigns.

As Director of Architecture, I analyzed and documented functional and non-functional requirements, assessed the current state of architecture, influenced and mentored teams and grew team leaders, and improved and maintained project documentation. Worked on productizing external API and introduced new features like webhooks, GraphQL, etc.

Software Architect / Engineering Manager at CareerKarma.com

2021-2022

- Engineering Management
- Performance Optimization
- Infrastructure Migration
- Security Audit
- Technical Leadership
- NodeJS/Prisma
- GraphQL
- AWS
- Postgres

As an Engineering Manager, I led the backend and Infrastructure team. Conducted project assessment and tradeoff analysis. Planned and executed significant legacy migrations, security audit and implementation, performance issues discovery, and mitigation. Managed staffing engineers and managers. Handled people management.

We successfully migrated from AWS Beanstalk to Kubernetes. We significantly increased the performance of application and database layers, which allowed the company to introduce

new significant features, such as audio rooms. And, as a result, raise a new round of investments.

Solutions Architect at Influencer.com

2020-2021

- Legacy Migration
- Performance Optimization
- Infrastructure Migration
- System Design
- Architecture Review
- NodeJS
- GraphQL
- Postgres
- React

My first product company experience was with a beautiful, motivated team and a prominent CTO. We produced a new face of product in two web applications on React, took over and migrated legacy applications from the other team, and created GraphQL layer API. My team and I improved database, backend, and frontend performance. The couple had been deeply involved in requirement gathering and writing user stories.

Software Architect at SoftServe

2017-2020

- Consulting
- Project Discovery
- Project Assessment
- Strategy Planning
- Scope Estimation
- Security Audit
- Technical Leadership

I joined SoftServe for the second time as an architect but studied how to do it right there. Thanks to the Architecture Rampup Program led by the Software Engineering Institute, Carnegie Mellon University. I was involved in over a dozen projects in different business domains during this period and worked with many intelligent people in the “Centre of Excellence,” which was a specific department dedicated to presales, discovery, and the most complex problems other departments couldn’t solve, such as performance issues, high complexity, complex integrations, new and/or unfamiliar technologies, etc.

I learned and am certified in critical methodologies I use now, including Architectural Tradeoff Analysis, the core discipline of Software Architecture.

Application Architect at Eleks

2017

- Project Discovery
- Technical Leadership
- Angular
- React
- NodeJS
- Neo4J

The first time I called myself an architect was here, with little understanding of my next steps. So I had a chance to start doing things intuitively before and while I learned how to do them correctly. During nine months of this job, I got my first experience of project discovery by starting a project and a few presales in the meantime.

Tech Lead at Symphony Solutions

2015-2017

- Technical Leadership
- Application Architecture
- React
- AngularJS
- NodeJS
- Redis

A fantastic experience on a sports betting project for a UK-based customer was the atmosphere of a product company for the first time, where the hosting company made this atmosphere even much better. Here was my dream team and my first experience as a full-stack developer and de-facto application architect, including React frontend, NodeJS backend, event-driven architecture, and scalable microservice infrastructure. We produced awesome animated widgets of sports visualization that were the most significant visual part of the sportsbook.

Software Developer at Softserve

2011-2015

- Frontend development
- JavaScript
- AngularJS

- BackboneJS
- HTML
- CSS

I joined the company as a middle JavaScript developer with pre-intermediate English. I grew up to an upper-intermediate level within a year and passed courses and certifications. I left the company as a tech lead in three years.

CTO and Co-founder at a startup in tourism

2006-2014

- PHP
- MySQL
- Ruby on Rails
- JavaScript
- HTML
- CSS
- SEO

My first project was a startup in tourism. I was a co-founder and CTO. We created a web application for booking tours and excursions. I was responsible for the whole technical part, including the architecture, development, and deployment. I was also involved in business, including marketing, sales, and customer support.

Education & Certifications

- AWS Certified Solutions Architect – Associate. April 14, 2023
- Software Architecture Principles and Practices, Software Engineering Institute, Carnegie Mellon University 2019
- B. Sc. in Computer Science, Yalta Management University, Graduated in 2010