Vitalii Liutin

CTO / HEAD OF IT

liutinvitalii@gmail.com | liutinvitalii.com

https://www.linkedin.com/in/vital9lutin/

LEADERSHIP PROFILE

CTO with experience in building projects from the ground up, forming cross-functional teams and leading software development. CTO experience since 2024; software engineering experience since 2013. My expertise spans systems architecture, corporate digitalization, FinTech and cryptocurrency platforms.

I define the technical approach, select technologies and services, plan team composition and staffing costs, and organize hiring and delivery. I have experience in software security and incorporate security requirements into architecture and implementation.

20+ specialists in the team I built

MOST RECENT PROJECT / IT LEADERSHIP

Large company (NDA)

Chief Technology Officer (CTO) / Head of IT

04.2025 - 11.2026

Led the IT function and a digitalization program across 20+ departments. The employer’s name and confidential project details are protected by an NDA.

- Owned corporate software architecture and technology decisions for internal business needs; introduced a microservices approach to internal systems.
- Personally built a cross-functional team through interviewing and hiring developers, designers, project managers and QA engineers. Coordinated their work while supporting independent decisions within each specialist’s responsibility.
- Led development and phased rollout of internal software tailored to departmental workflows and employee roles.
- Oversaw software development for financial and cryptocurrency operations, data analysis and reporting.
- Implemented internal AI solutions.

PROFESSIONAL EXPERIENCE

CryptoSmartHub

Team Leader | CTO

05.2024 - 04.2025

A multifunctional platform for traders and investors: cryptocurrency analytics, statistics, data aggregation, exchange and wallet integrations, trading APIs and payments.

- Led the team in architecture design and core feature development while personally implementing back-end logic and integrations.
- Developed API integrations with cryptocurrency exchanges for spot and futures trading.
- Built real-time statistics and analytics modules, plus airdrop and launchpad tracking tools.
- Integrated cryptocurrency storage, transactions and payment processing; designed secure payment acceptance and withdrawal mechanisms.
- Ensured scalability, reliability and security with large data and transaction volumes. Coordinated the team, improved workflows and managed delivery timelines.

MAKEUP

Team Leader | Senior Back-End Developer

11.2022 - 04.2024

MAKEUP CLUB: a beauty-focused social platform combining user reviews, publishing, community interaction and content monetization.

- Led product development from scratch, combining Team Leader responsibilities with hands-on Senior Back-End Developer work. Designed core user journeys and back-end functionality.
- Implemented registration, posts, comments and likes, product review sharing and user interaction.
- Integrated user content monetization.
- Ensured scalability, performance and security as the user base grew.

Group 107

Senior Back-End Developer

12.2021 - 10.2022

A banking web platform for card issuance management, service payments and user accounts.

- Designed and developed the back end of a secure platform, including card issuance, payment processing and account management.
- Implemented project security and data protection requirements for payments and user information.
- Optimized platform performance and the usability of digital banking services.

EARLIER ENGINEERING EXPERIENCE

WEZOM

Senior Back-End Developer | 07.2021 - 11.2021

Developed websites and applications with advanced back-end functionality, supporting scalable and reliable server-side components.

Transloyd

Middle Back-End Developer | 07.2019 - 06.2021

Designed and developed a responsive corporate website and online service requests.

Flaxen.Technology

Middle Back-End Developer | 03.2019 - 07.2019

Developed responsive websites and optimized performance, SEO and cross-browser compatibility.

Megasite

Junior Full-Stack Developer | 05.2017 - 02.2019

Developed and maintained responsive websites and e-commerce platforms, covering front-end and back-end functionality, performance and stability.

Freelance

Junior Full-Stack Developer | 09.2013 - 05.2017

Delivered more than 50 web projects from scratch, addressing responsive design, usability, deadlines and client expectations.

SELECTED TECHNICAL EXPERIENCE

Back-end & web. PHP · Laravel · JavaScript · TypeScript · React · Node.js

Data & search. MySQL · PostgreSQL · MongoDB · Redis · OpenSearch · Elasticsearch

Cloud & infrastructure. AWS · DigitalOcean · Docker · SQS

APIs & integrations. REST APIs · GraphQL · WebSocket · OpenAI · Binance API · Bybit API

AI / ENGINEERING APPROACH

Experience implementing internal AI solutions, with an approach to AI that emphasizes engineering review, testing and accountability for the outcome.

EDUCATION

Kherson Polytechnic College of ONPU

Bachelor’s Degree, Computer Engineering | 2010-2012

LANGUAGES

Ukrainian - native or bilingual · Russian - full professional proficiency · English - B1

Full project history and technical stacks: liutinvitalii.com/en/