

CONTACT

EMAIL
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LINKEDIN
linkedin.com/in/chaplyga

LOCATION
Valencia, Spain

WORK AUTHORISATION
EU Blue Card holder — no sponsorship required

TECH STACK

Backend

Node.js · NestJS · TypeScript · JavaScript · Microservices · REST APIs

Data & Messaging

MySQL · Redis · RabbitMQ · Background workers · Data streaming

Cloud & DevOps

AWS · Docker · Kubernetes · CI/CD · Monitoring

Security & Compliance

ISO 27001 · Data privacy · Audit logging · KYC / compliance APIs

LEADERSHIP

- Technical vision & architecture
- Team leadership & mentoring
- Code review & engineering standards
- Technical risk management
- Agile / Scrum delivery
- Stakeholder communication

Oleksandr Chaplyga

Tech Lead · Senior Backend Engineer (Node.js / NestJS)

FinTech · RegTech · High-load SaaS · Marketplaces

13+ years in software · EU Blue Card · Spain · Open to Lead / Head roles

PROFILE

Engineering leader with 13+ years of building products from the first line of code to stable, high-traffic production. I specialise in backend architecture with Node.js and NestJS — designing scalable, secure systems for digital wallets, payments, regulatory compliance and high-load SaaS.

As a hands-on Tech Lead, I combine architectural ownership with people leadership: setting engineering standards, mentoring developers, reducing delivery risk and translating business goals into clear technical plans together with Product, QA, UI/UX and PMs. I am comfortable owning production — infrastructure, databases, monitoring and incident response — not just the code.

13+	5	FinTech	ISO 27001
years building production software	products architected from scratch	wallets, balances & payment flows	audits & certification hands-on

EXPERIENCE

Team Lead / Tech Lead

Jan 2024 – Present

Digital Wallet & E-Commerce Marketplace · Europe

- Lead end-to-end development of a **high-load digital wallet** built from scratch on Node.js and NestJS, processing heavy traffic and complex financial transactions.
- Own the full product lifecycle — from initial architecture and technical roadmap to production launch and long-term support.
- Architected a broad set of **third-party integrations** (compliance, KYC and retention tools) while keeping strict data-security requirements.
- Set up high-performance production environments with monitoring and alerting to ensure reliability and fast incident response.
- Lead and mentor the engineering team: code reviews, engineering standards, sprint planning and alignment with business stakeholders.

Stack: Node.js, NestJS, TypeScript, microservices, CI/CD, cloud infrastructure, monitoring

Senior Software Engineer

Jan 2021 – Jan 2024

All-in-One RegTech Engine for Business · Limassol, Cyprus

- Analysed regulatory technical requirements and led integration of mandatory external APIs and compliance gateways.
- Engineered core modules in line with **ISO 27001**, data-privacy regulations and financial certification frameworks.
- Took part directly in **regulatory audits and certification** — delivering technical documentation, audit logs and security controls that secured platform approval.

Stack: Node.js, TypeScript, distributed systems, MySQL, Redis, Docker, AWS, security APIs

CERTIFICATIONS

Certified Kubernetes Application Developer (CKAD)
Certification prep

DevOps Foundations

EDUCATION

Bachelor's degree, Economic Cybernetics
NKPI · 2012 – 2014

Junior Specialist, Software Development
NKPT · 2008 – 2012

LANGUAGES

English
Professional working

Ukrainian
Native

Russian
Native

WHAT I BRING

Builds products from zero to production

Deep financial-domain experience: balances, payments, transactions

Security & compliance mindset by default

Owns production, not only code

Bridges engineering and business

EXPERIENCE (CONTINUED)

Senior Software Engineer
Jun 2019 – Jan 2021

SaaS Startup · Kyiv, Ukraine

- Architected and scaled the core engine of a **high-load SaaS platform** from scratch to production.
- Built key financial modules: **real-time user balance processing** and integrations with payment gateways and marketing tools.
- Designed background workers and data-streaming pipelines for heavy asynchronous workloads.
- Resolved critical database bottlenecks, optimised the architecture and took an active role in incident management to keep the platform fast and highly available.

Stack: Node.js, MySQL, Redis, RabbitMQ

Senior Software Engineer
Oct 2018 – Jun 2019

United Travel Ticket · Kyiv, Ukraine

- Architected a **transport ticket aggregator** from scratch, unifying diverse transport providers into a single global network.
- Engineered multi-modal **routing algorithms** that plan complex journeys and return fast results, optimising for price, travel time and layovers.
- Owned the full lifecycle from system design to production deployment.

Senior Full-Stack Developer
Jan 2018 – Oct 2018

Full-Stack Developer
Nov 2013 – Jan 2018

SPECTR.Media · Kyiv, Ukraine · 5 years

- Delivered full-stack **e-commerce solutions** end to end: server setup, backend development and secure integrations with payment gateways and logistics providers.
- Built custom front-end applications with a focus on pixel-perfect markup, performance and **technical SEO** that drove organic growth.
- Grew from developer to senior engineer, taking ownership of architecture and deployment.

CORE COMPETENCIES

- Software architecture & system design
- High-load & distributed systems
- Technical leadership & mentoring
- CI/CD, DevOps & automation
- Security & regulatory compliance
- Node.js & NestJS at scale
- Financial transactions & integrations
- Code review & engineering standards
- Production support & incident response
- Agile / Scrum delivery