

Vladyslav Khyrsa

Backend Engineer / Web & Mobile Applications

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Seven years of experience in software development.

I help businesses make existing software faster, more reliable and easier to maintain. I also build web and mobile applications, from planning and development to testing, production deployment and handover.

I work directly with clients and users to understand their needs, investigate issues and set priorities. I take responsibility for delivering and validating changes.

01 Professional experience

Software Development Engineer

Inoxoft | January 2023 - Present

- Develop features, refactor existing code and maintain the application, databases and hosting infrastructure.
- Diagnose slow API requests and recurring failures; improve monitoring, error handling and API security.
- Collaborate with clients and users, automate reporting, integrate external services and AI assistants, and manage deployments.

Software Development Engineer

Grid Dynamics | September 2021 - September 2022

- Implemented business logic and serverless functions using AWS Lambda; evaluated testing tools and wrote tests.
- Wrote technical articles, delivered internal technical presentations and participated in technical interviews.

Full Stack Developer

WMG International | March 2020 - September 2021

- Developed features, refactored existing code, separated application functionality into services and wrote tests.

Full Stack Developer

Remote work | June 2019 - March 2020

- Designed application architecture, developed APIs and interactive web features, worked with databases and servers, and collaborated with designers.

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Backend engineering & product development

02 Selected results

UP TO

50x faster

Selected backend requests;
no increase in server capacity.

PAGE-LOAD TIME

60-90s to 3-5s

Approximate load times for typical pages
during peak usage.

03 Technical skills

Languages & runtime	TypeScript, JavaScript, Node.js, worker threads, clustering
Backend & APIs	NestJS, Express, REST, GraphQL, WebSockets / Socket.IO
Data & databases	PostgreSQL, MongoDB / Mongoose, Redis, Prisma, TypeORM
Web & mobile	React, Next.js, React Native, Expo
Hosting & AWS	Vultr, EC2, Lambda, Elastic Beanstalk, S3, ECR, EventBridge
Version control & delivery	Git, GitHub Actions, Docker, CI/CD, production deployments
Domains & networking	Domain registration, DNS, routing, HTTPS configuration
Monitoring & debugging	CloudWatch, OpenTelemetry, Jaeger, Sentry, Telegram alerts
Testing & API security	Jest, Supertest, Cypress, access control, rate limiting, application-level intrusion detection and prevention
Product features	AI assistants, API integrations, analytics, automated reporting, audit trails for user actions and permission changes

04 Education & publications

DAN. IT education | Front-end Developer

Open International University of Human Development "Ukraine"

Food Technology and Engineering

Technical articles on Node.js and backend development: [Medium](#) / [Highload](#)

Plan / Design / Build / Test / Deploy / Hand over