

Oleksandr Andrushchenko

Senior Software Engineer | AWS Solutions Architect

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PROFESSIONAL SUMMARY

Senior Software Engineer with 15+ years of experience designing, building, and optimizing scalable applications across healthcare, fintech, e-commerce, media, and logistics. Skilled in **full-stack development** (PHP, Python, JavaScript/TypeScript), **cloud architecture** (AWS Certified Solutions Architect & Developer), and **database schema design**. Delivered over 30 successful projects, improving performance, scalability, and reliability for high-traffic platforms. Adept at mentoring, architectural decision-making, and driving projects from concept to deployment.

CORE SKILLS

- **Frontend:** React.js, Next.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Bootstrap
 - **Backend:** PHP (Laravel, Symfony, Yii), Python (Django, FastAPI), Node.js, Go, Java
 - **Cloud & DevOps:** AWS (EC2, S3, RDS, Lambda, CloudFront, API Gateway), Docker, CI/CD, GitLab CI, Kubernetes, Helm
 - **Databases:** MySQL, PostgreSQL, MongoDB, Redis, Elasticsearch, Memcached
 - **Architecture & Practices:** Solution Architecture, Microservices, Distributed Systems, Schema Design, API Design, TDD, Agile/Scrum
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PROFESSIONAL EXPERIENCE

Software Developer – Ambry Genetics | Aliso Viejo, CA | Feb 2024 – Present

- Led development of **lab workflow tracking system** integrating React.js, Node.js, and PHP APIs on AWS.
- Migrated infrastructure to AWS, improving deployment speed and system reliability.

- Designed scalable database schemas, boosting query performance for high-volume lab data.
- Authored technical documentation and mentored junior developers.

Senior Software Engineer – Rumble | FL | Jul 2023 – Oct 2023

- Enhanced Node.js services and React.js components, reducing load times and improving engagement.
- Delivered new features that increased daily active users and improved system stability.

Senior Full Stack Engineer – Paysera | Vilnius | Oct 2020 – Jan 2023

- Architected backend services in PHP (Symfony) and Node.js, integrated with React.js frontends.
- Designed AWS-hosted microservices with Docker and Kubernetes.
- Developed SDKs in JavaScript and PHP for third-party integrations.

Senior Software Developer – Kilo Health | Vilnius | Jul 2021 – Dec 2021

- Built and optimized backend APIs in Laravel and Node.js for a React.js-based health app with 500k+ users.
- Integrated AWS services (S3, Lambda, CloudFront) and implemented RabbitMQ for event-driven processing.

Senior Backend Engineer – Yellowstone | Kyiv | Dec 2019 – Sep 2020

- Developed backend services in Laravel, Yii, and Go for multiple online platforms.
- Optimized MySQL queries and introduced Redis caching, reducing latency.

Senior PHP Developer – NMI | Schaumburg, IL | Apr 2022 – Jan 2023

- Maintained and optimized customer onboarding workflows, decreasing processing times.
 - Delivered scalable REST APIs and integrated them with multiple front-end systems.
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EARLIER CAREER HIGHLIGHTS (2011–2019)

- **Ciklum, Pepper.com, UkrNet, Softhome, Dukascopy Bank, WebCase, Aniart, BINTIME** – Delivered full-stack and backend solutions for e-commerce, social networks, SaaS platforms, and fintech systems.
- Led teams of up to 4 developers, designed database schemas, integrated APIs, and migrated systems to modern stacks.

Certifications: AWS Certified Solutions Architect – Associate, AWS Certified Developer – Associate

Languages: English (Intermediate), Ukrainian (Fluent), Russian (Fluent), German (Beginner)