

OLEKSANDR ANDRUSHCHENKO

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SUMMARY OF QUALIFICATIONS

Senior Software Engineer specializing in building and optimizing scalable applications across healthcare, fintech, e-commerce, media, and logistics industries. Skilled in Python, JavaScript/TypeScript, PHP, cloud architecture (AWS Certified Solutions Architect and AWS Certified Developer), and database design (RDBMS and NoSQL). Delivered 40+ projects, improving performance, scalability, and reliability. Experienced in architectural decision-making and leading projects from concept through deployment.

SELECTED PROJECT HIGHLIGHTS

- Delivered more than 40 software projects across healthcare, fintech, logistics, media, education, and e-commerce industries.
- Designed cloud-native architectures utilizing AWS services including EC2, RDS, S3, Lambda, CloudFormation, and containerized workloads.
- Built scalable backend services, APIs, integrations, and distributed systems using PHP, Python, JavaScript, and TypeScript.
- Developed solutions utilizing PostgreSQL, MySQL, MongoDB, Elasticsearch, Redis, RabbitMQ, and Kafka.
- Led architecture, implementation, optimization, deployment, and maintenance of enterprise software systems.

CERTIFICATIONS

- AWS Certified Solutions Architect – Professional
- AWS Certified Solutions Architect – Associate
- AWS Certified Developer – Associate
- AWS Certified Cloud Practitioner

TECHNICAL COMPETENCIES

- Programming Languages: PHP, Python, JavaScript, TypeScript, SQL
- Frameworks & Technologies: Laravel, Symfony, FastAPI, Django, Node.js, Express.js, React.js, GraphQL, REST APIs
- Databases: PostgreSQL, MySQL, MongoDB, Elasticsearch, Redis, ClickHouse
- Cloud & DevOps: AWS, Docker, CI/CD, GitHub Actions, CloudFormation
- Messaging & Integration: RabbitMQ, Kafka, WebSockets

PROFESSIONAL EXPERIENCE

Aircon — Lead Software Engineer | Lewisville, TX | May 2026 – Present

- Architect and develop scalable backend services supporting orchestration and decisioning platforms.
- Lead technical design discussions and establish engineering best practices across the software engineering team.
- Partner with the CTO, product, and business stakeholders to translate customer and product requirements into technical solutions.
- Own the reliability, performance, scalability, and security of core platform components.
- Design and implement production-grade software systems and participate in code reviews.
- Mentor junior and mid-level software engineers and support their technical growth.
- Contribute to engineering hiring efforts through candidate evaluation and technical interviews.
- Drive software delivery from technical scoping and architecture through deployment and ongoing iteration.

Impact Scale — Senior PHP Developer (Contract) | October 2025 – May 2026

- Developed backend services using PHP, Laravel, PostgreSQL, and Redis.
- Designed and implemented RESTful APIs and service integrations.
- Optimized application performance, scalability, and database efficiency.

Ambry Genetics — Software Engineer II | February 2024 – June 2025

- Developed software applications supporting healthcare and genetic testing operations.
- Built backend services and integrations using PHP and Python.
- Designed and optimized PostgreSQL, MySQL, MongoDB, and Elasticsearch solutions.

Rumble — Senior Backend Developer | July 2023 – October 2023

- Developed backend services supporting large-scale media platforms.
- Designed APIs and business logic for high-volume applications.
- Improved application scalability, reliability, and operational performance.

IRIS — Senior PHP Developer (Contract) | April 2022 – January 2023

- Developed and maintained enterprise PHP applications.
- Designed backend services and API integrations.
- Participated in software architecture, optimization, and deployment activities.

Paysera — Software Engineer (Contract) | October 2020 – January 2023

- Contributed to logistics and parcel delivery software solutions.
- Developed backend services, APIs, and database integrations.
- Participated in system integration, deployment, and maintenance activities.

Kilo.Health — Senior Backend Engineer (Contract) | June 2021 – December 2021

- Developed backend services and integrations for healthcare products.
- Implemented APIs and business workflows supporting customer-facing applications.
- Optimized application performance and database operations.

YellowStone — Senior PHP Developer | October 2019 – September 2020

- Developed and maintained enterprise web applications.
- Implemented business functionality and third-party integrations.

- Participated in software architecture, optimization, and production support.

Ciklum LLC — Senior PHP Developer (Contract) | December 2018 – April 2019

- Developed backend services and web applications for client projects.
- Implemented API integrations and database solutions.
- Participated in software design, development, and code review activities.

Pepper Media Holding — Senior PHP Developer (Contract) | June 2017 – September 2017

- Developed and maintained media-related web applications.
- Implemented backend functionality and content management features.
- Optimized application performance and database operations.

UkrNet — Senior PHP Developer | January 2017 – June 2017

- Developed and maintained high-traffic web applications and services.
- Designed backend components and database solutions.
- Implemented new features and system improvements.

Softheme — Software Engineer (Contract) | September 2015 – January 2017

- Developed web applications using PHP and related technologies.
- Designed backend functionality, APIs, and database structures.
- Participated in all phases of the software development lifecycle.

Dukascopy Bank — Web Developer (Contract) | March 2013 – September 2014

- Developed and maintained web applications for financial services platforms.
- Implemented frontend and backend functionality.
- Worked with relational databases and reporting systems.

PERSONAL PROJECTS & TECHNICAL INITIATIVES

- SysDesPro — Founder & Technical Author | November 2025 – Present
<https://sysdespro.com>
- Personal Website & Portfolio — Founder & Software Engineer | 2025 – Present
<https://oleksandr-andrushchenko.com>
- ExamMe — Founder & Full Stack Software Engineer | December 2023 – January 2025
- Team4Dev — Founder & CTO | March 2020 – February 2022
- Girlway — Founder & Software Engineer | September 2014 – September 2015

EDUCATION

National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”

- Specialist Degree in Computer Science, 2012
- Bachelor's Degree in Computer Science, 2010

LANGUAGES

- Ukrainian — Native
- Russian — Native
- English — Advanced

ONLINE PRESENCE

Personal Website: <https://oleksandr-andrushchenko.com>

LinkedIn: <https://www.linkedin.com/in/oleksandr-andrushchenko-26ab3078>

GitHub: <https://github.com/oleksandr-andrushchenko>

SysDesPro: <https://sysdespro.com/oleksandr-andrushchenko>