

Professional Summary

Accomplished **Senior Full Stack Engineer** with over 15 years of experience in software engineering, DevOps, and system architecture across industries, including digital media, finance, and IoT. Skilled in designing and implementing robust architectures and scalable CI/CD pipelines, with a strong agile focus on big data, zero-party data collection, user-friendly frontends, and high-performance backends. Experienced mentor in TypeScript and Python, architecture, SOLID and agile principles.

Professional Experience

Senior Full Stack Software Engineer *Ippen Digital Media GmbH, Munich* *01.2021 - present*
Zero-Party Data Collection and Big Data Analysis Applications

- Personally architected and implemented a scalable elastic microservices-based backend and frontend system for the zero-party data collection platform from scratch including pipelines and deployments.
- **Backend:** Transitioned Django to FastAPI and Node.js with Express/Sequelize to Prisma; utilized ElasticSearch+SQLAlchemy, S3, Docker, GitLab CI/CD, Apache Kafka and Kubernetes on AWS.
- **Frontend:** Built and optimized applications using TypeScript with React, React Query, Next.js, Material UI, and Chakra UI; integrated preact/vite, Solid.js, TDD (jest, loki, cypress, playwright), and Redux with sagas for state management.

Senior Full Stack Software Engineer / DevOps *Lexx Software Co. Ltd., Malta* *11.2018 - 01.2021*
Crypto-Trading Platform

- Architected a trading terminal managing thousands of cryptocurrency assets, ensuring high concurrency and resilience.
- **Backend:** Architected using Golang, Node.js, PostgreSQL, and Redis within Docker/Docker Swarm environments and sophisticated Telegram Bot APIs.
- **Frontend:** Led frontend team with TypeScript and Angular (NgRx) transitioning to Vue.js/Nuxt.js and Vuex to Pinia for state management.

CTO *esaveRus Ltd., Moscow* *06.2016 - 10.2018*
IoT Street Lighting System Integration

- Integrated Swiss IoT street lighting management system into the Russian market, managing cross-functional teams for hardware/software integration.
- Created detailed technical documentation, streamlined deployment processes, and led team coordination.

Senior Full Stack Software Engineer *Intaro Software, Moscow* *09.2009 - 09.2015*
E-commerce and Backend Development

- Delivered full-fledged Symfony/Django projects, including sotmarket.ru, a top Russian e-commerce platform.
- Developed custom PostgreSQL module, enhancing data retrieval speeds by over 70% for Symfony-based systems.
- Led backend development using ExtJS/Symfony for warehouse management and administered Debian Linux, FreeBSD systems.
- Maintained multiple CMS codebases, including Drupal, WordPress, Joomla, and Joostina, alongside 1C BITRIX support.

Education

1. **Bachelor's Degree in Linguistics @ *Moscow State Linguistic University, Moscow*** *09.2012 - 11.2016*
2. **Master of Computer Science @ *MEPhI, Moscow*** *09.2003 - 11.2009*
Moscow Engineering Physics Institute (National Research Nuclear University)
Electronics and Automation of Physical Facilities (Mathematics, C++, Unix, Linux)

Skills

- **Languages:** German (certified C1), English (certified C1), Russian (native), Chinese (certified B1)
- **Tech Stack:**
TypeScript with Node.js Express/Nest.js/fastify with Sequelize/Prisma/TypeORM,
React (Solid.js, Redux, Zustand)/Angular (NgRx)/Vue.js (Vuex, Pinia), TDD (with jest, cypress, playwright),
Python with FastAPI, Django,
Docker, Kubernetes with GitLab/GitHub Actions automation, Apache Kafka, Redis, PostgreSQL, MySQL,
ElasticSearch, S3, Firebase, Golang with Gin/Echo, PHP in Symfony/Laravel/Zend