

# Yevgen Runts

Software Engineer

## Contact information

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## Summary of qualifications

More than 12 years of work experience as an Architect, Team Lead and Software Engineer.

Solid understanding of the software engineering concepts, practices, software development methodologies and software architecture. Profound knowledge of enterprise application architecture and design patterns.

Considerable experience in building products from scratch: starting from hiring the team, defining business requirements and constraints, planning, designing, implementing MVP and ending by solution launch and maintenance.

Certified GCP and AWS solution architect.

Full-stack engineer with practical skills in modern MVC frameworks.

I am flexible, self-organized, result-oriented, driven by getting things done and meet business goals. The greatest motivation for me is building robust, secure, cost-efficient solutions while applying the best development practices.

## Skills

**Design:** Software Architecture Design, UML, Design Patterns, C4 Model, Twelve-Factor App methodology  
**Coding:** Python(expert), ActionScript 3(proficient), JavaScript(prior experience), Java(prior experience)  
**Frameworks:** Flask, Django, Google App Engine, FastAPI, Flex, React, Angular2  
**Databases:** PostgreSQL, MySQL, MongoDB, Cloud Firestore  
**System:** Kubernetes, Docker, RabbitMQ, Nginx, uWSGI, Unicorn, Redis, Memcached, Vagrant, Graylog, Keycloak, Elasticsearch  
**Platforms:** GCP, AWS, Azure, Heroku  
**Methodology:** Agile, SCRUM, XP, Kanban, Test Driven Development

## Experience

### Realnode (04.2019 - present)

Solution for condominiums management for Sweden market with the target audience of 300k users. Provides web and mobile applications for board members, accountants and tenants.

**Responsibilities:** Solution architecture. Full technical ownership over the system. Team leading. Architectural decisions evaluation and documentation. Backend and DevOps engineering. Integrated the accounting data with ERP systems (Fortnox, Incit, Pyramid).

**Used technologies:** Python 3, Flask, FastAPI, SQLAlchemy, Celery, PostgreSQL, RabbitMQ, Docker, GCP (GKE, GCS, Cloud Functions, Stackdriver, BigQuery, Cloud SQL, Firestore), Terraform, Cloudflare.

**Team size:** 9 team members.

## SoftServe (08.2018 - 04.2019)

**Solution Architecture Group.** Numerous assignments across the company to solve critical issues. Participated as a technical expert in project discoveries and customer engagement meetings.

- **Canadian company from the agricultural domain.**

Evaluated and prototyped system migration to the microservices architecture serving under Azure API Management.

Integrated with Keycloak for identity and access management.

Implemented the client library for Azure Service Bus compliant with AMQP 1.0.

Improved DB performance leveraging recursive CTE queries for hierarchical data.

- **Leading toy manufacturer from Denmark.**

Migrated the solution to use serverless approach on AWS using AWS Lambda and AWS API Management.

Set up CI/CD with Gitlab.

- **Germany television company.**

Member of the discovery team.

Handed over and documented existing solution architecture.

Prepared resource planning, roadmap and high-level estimations.

Successful discovery phase leads to more than 30 positions opened by the customer.

- **Internal project management tool.**

Closed security vulnerabilities reviewed by penetration testings team included: broken access control, XSS, security misconfiguration, etc.

The project was successfully launched and passed penetration testing after refactoring.

- **Speaker at the conference in India.**

Topic: "Approaches for legacy systems modernization".

## N-iX (03.2017 - 08.2018)

- **FINQR.** Fintech solution for automated invoice management and bookkeeping.

**Responsibilities:** Team leading. Project architecture development. Applied the twelve-factor app methodology. REST API implementation. Implemented the subsystem for document management and reporting.

**Used technologies:** Python 3, PostgreSQL, RabbitMQ, Flask, SQLAlchemy, Celery, React, Redux, Docker, Kubernetes, Google Cloud Storage.

**Team size:** 7 team members.

## EPAM Systems (07.2010 - 03.2017)

- **RetSKU.** SaaS platform for collecting and analyzing sales data.

**Responsibilities:** Implemented REST API and ETL scripts. Requirements management. Project infrastructure maintenance. Development of the UI for administration using Angular2.

**Used technologies:** Python 3, PostgreSQL, RabbitMQ, Amazon Redshift, Amazon S3, Flask, SQLAlchemy, Angular, Heroku, Ansible, Scrapy, Celery, Angular2.

**Team size:** 4 team members.

- **AppGallery.** The web site provides possibility to customers to register companies and to describe provided services and applications.

**Responsibilities:** Web site development. Bug fixing.

**Used technologies:** Python, Google App Engine.

**Team size:** 8 team members.

- **Wideorbit.** Modular system for TV/Radio channels management.

**Responsibilities:** Flex team lead. Designed and developed the library with generic components used by the team across all modules. Mentorship.

**Used technologies:** Flex 3/4.

**Team size:** 30-40 team members.

## Intellias, Inc. (08.2009 – 07.2010)

- **Flash Catalogue Software.** PDF to interactive web catalogs converter. The engine supports text search, video and audio elements.

**Responsibilities:** Designed project architecture and communication formats. Interactive web viewer for converted catalogs implementation.

**Used technologies:** Flex 3, AIR, Ant.

**Team size:** 5 team members.

## Other

- **Gruveo.** Instant video calling tool.

**Responsibilities:** Code refactoring. Skinning components. Development of a multilingual interface.

**Used technologies:** Flex 4.

**URL:** <https://www.gruveo.com/>

- **Banner Builder.** Rich Internet Application for banners creation. Includes web, desktop and iPad versions.

**Responsibilities:** Project management. Development.

**Used technologies:** Flex 4, PHP, AMFPHP, Amazon S3, Python, Django.

**URL:** <http://www.allstatebanners.com/banner-designer/>

- **Skinnable web MP3 player.** Open source mp3 web player.

**Responsibilities:** Development of the player. Integrated with desktop-like web application.

**Used technologies:** Flex 4.

**URL:** <https://code.google.com/p/flex4-mp3-player/>

## Certifications

**2018 - 2020:** [Google Cloud Certified Professional Cloud Architect](#)

**2019 - 2022:** [AWS Certified Solutions Architect - Associate](#)

## Education

**2002 - 2008:** Ivan Franko National University of Lviv. [Faculty of Applied Mathematics and Informatics.](#)

## Languages

**Ukrainian:** native

**English:** upper intermediate