



EVGENII SEMENCHUK

Senior | Lead Software Engineer

With over 19 years in the IT field and 16 years specializing in web development, I am a highly motivated individual, confident in my ability to solve any problem. I quickly learn and apply new information, using innovative technologies to improve the reliability and quality of the final product. For the last six years, I led a rapidly growing project and team. During this time, I oversaw key migrations, including moving the project from VPC to Kubernetes, upgrading the UI to a ReactJS-based technology, and transitioning to a microservices architecture.

TECHNICAL SKILLS

Programming languages:

Ruby, JavaScript (ES6, CoffeeScript, TypeScript, Handlebars), Python, C/C++, HTML (HTML5, HAML, SLIM), CSS (SASS, SCSS)

Frameworks & Technics:

Ruby on Rails, Sinatra, Ajax, jQuery, Backbone.js, ReactJS, ORM (ActiveRecord), Background workers (Sidekiq, ActiveJob), WebSockets (ActionCable), Asset Pipeline, REST API, JWT, OpenAPI, JSON:API, MVC Architecture, Auth0, SSO/SAML, Social APIs (Facebook API, Twitter API, Google Maps API, etc), Sphinx, Elasticsearch

Message streaming:

RabbitMQ, Kafka

Testing Frameworks:

TDD, RSpec, UnitTests, Shoulda, Selenium, Capybara, Factory Girl, FFaker, Poltergeist, Parallel, Guard, Spork, Foreman

Database Management:

MySQL, PostgreSQL, Big-data models, noSQL (Redis, MongoDB, MemCache)

Version Control:

Git, GitHub, GitLab

CI/CD:

GitHub/GitLab Workflows & Actions, Jenkins, TeamCity, Capistrano

Cloud & Virtualization:

AWS, GCP, K8s, Helm Chart, Pulumi, Docker, Vagrant, VMWare, VirtualBox

DevOps skills:

HTTP(s) protocols, SSL, DNS, Web-server architecture, Nginx, Apache, Linux (Debian-based), Ruby web-servers (Puma, Unicorn, Webrick), Bash

PROFESSIONAL SUMMARY

- Extensive domain experience in the Health Care Domain;
- Skilled in building and leading project teams, fostering collaboration to ensure successful project delivery;
- Experience in Monolithic & Microservices Architectures;
- Experience in building Streaming and REST APIs with Ruby on Rails and Sinatra;
- Experience in web-based automotive QA using RSpec and Capybara;
- Knowledge of K8s, Docker, and CI/CD;
- Strong knowledge of OOP principles and design patterns like MVC;
- Extensive experience with Git for managing codebases and collaborative development;
- Skilled in Agile development and Jira to track progress, and collaborate with the team;
- Excellent Research, Development, and Analytical Skills;
- Excellent Communication, Leadership, and Teamwork Skills.

EXPERIENCE

- Gera-IT Oct 2010 → Present
- SmartViolet Mar 2008 → Oct 2010;
- "SPE "Tetra" LTD May 2006 → Jan 2008;

Senior | Lead Software Engineer

PERSONAL DETAILS

Experience: 19+ years

Day of birth:

November 1986

Mobile No:

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- [SI] +386(69)805467

Email:

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Social Links:

- [LinkedIn](#) [GitHub](#)

LOCATION

Residence: Ukraine

Current Location:

Slovenia, Maribor

KEY SKILLS

Git, Ruby, Rails, Python, C/C++,
HTML, CSS, JavaScript, jQuery, Ajax,
JSON, XML, JWT, Auth0, Social API,
TDD, RSpec, Capybara, Selenium,
MySQL, PostgreSQL, Redis, RabbitMQ,
AWS, CGP, Kubernetes, Helm, Pulumi,
Docker, CI/CD, GitHub/GitLab Workflows,
OOP, SOA, SAAS, Microservices,
Leadership, Agile, Scrum, JIRA

LANGUAGES

- Ukrainian ●●●●●
- English ●●●●
- Slovenian ●●
- Russian ●●●●●

EXPERIENCE DETAILS

Gera-IT (15 years)

Lead Software Engineer

Oct 2010 → Present

gera-it.com

EZCall (13 years, contract UKG Inc.)

It's an automated staffing and scheduling solution designed to streamline complex scheduling processes in healthcare settings. UKG EZCall helps organizations create flexible, fair, and equitable work schedules for physicians, hospitalists, residents, advanced practice nurses, and clinical staff. [08]

Environment:

Ruby v2.3 → v2.7, Rails v3.2 → v6.1, TypeScript, ReactJS, NodeJS, multi-tenant, multi-thread, microservice-based, MySQL & PostgreSQL, Big-data models, Redis, RabbitMQ, REST API, OpenAPI, JSON, gRPC, JWT, Auth0, SSO, WebSockets, Puma, Sidekiq, Airbrake, DataDog, DevOps (CI/CD, GitHub Actions, AWS, K8s, Helm Chart, Pulumi, Docker, Nginx), TDD, RSpec, Shoulda, Capybara, Selenium.

Responsibilities:

Team & Tech Lead;
Managed project timelines, resource allocation, and sprint planning using Agile methodologies;
Conducted code reviews, refactoring, and ensured technical quality while fostering a collaborative team environment;
Back-end development, build APIs & integrations;
Collaborated extensively with cross-functional teams, including Service, Mobile, Operations, and Support, to streamline the continuous delivery pipeline and ensure successful, on-time releases.

Belimmunized (1,5 years)

Beimmunized is aimed at keeping track of your immunization information in one place. The multi-domain service provides possibilities to manage family vaccination records, the school provides advanced tools, and access for physicians to follow-up vaccinations of their patients.

Environment:

Rails v3.2 + multi-domains, MySQL, Haml, jQuery, DevOps (VPC Infra, CI/CD, Capistrano), SearchLogic, ThinkingSphinx, Devise, Cancan, REST, Amazon SES, TDD, Rspec, Shoulda.

Responsibilities:

Team Lead;
Back-end and front-end development;
Code review/refactoring;
Unit/Functional tests development;
Communication with the Customer.

PackEvents (3 months)

Pack's FanExperience App gives the opportunity to organize different types of events painlessly, using rich content, easy-to-use sharing features, and the latest location-based technologies.

Environment:

Rails v3.2, RVM, MySQL, Unicorn, Nginx, AJAX, JSON, REST, Haml, Sass, JavaScript, JQuery, CoffeeScript, Backbone.js, OAuth, Facebook/Twitter API, Foursquare, geocodes, Amazon S3, Versionist API, RSpec, Shoulda.

Responsibilities:

Back-end and front-end development;
Build REST API;
Unit/Functional tests Development.

StopLostConnect (1 month)

Web application is used by TPAs to conduct activities with MGUs on behalf of clients. TPAs administer claims, to help employers of setting up their self-insured group health plans, and coordinate stop-loss insurance coverage, provider network contracts and utilization review services. Managing General Underwriter of Stop-loss (MGU): a wholesale insurance intermediary with the authority to accept placements from retail agents on behalf of an insurer.

Environment:

Rails v3.2, MySQL, MailServer, Unicorn, Nginx, AJAX, Redis, Rescue, wkhtmltopdf, CSV, JSON, REST, Haml, Sass, JavaScript, JQuery, CoffeeScript, RSpec, Shoulda.

Responsibilities:

Back-end and front-end development;
Integration with the inbound mail servers.

eBento (1 month)

The social networking application for small business owners and employees.

In the application, a user can create a company and invite their employees to the application. The application provides single sign-on access to multiple web services and a mobile application for company employees. The system provides administrators with full control over which services are available to employees.

Environment:

Ruby v2.3, Sinatra 1.0, Mail Server, SOGo, RubyCas server, AJAX, JavaScript, OAuth, CAS, JSON, REST.

Responsibilities:

Integration with AppCentral, Sogo, eBentoWrapper services; Configuration SOGo, Mail, RubyCAS servers.

Thankfulfor (Support)

Social oriented microblogging application

Environment:

Rails v2.3, MySQL, Unicorn, Nginx, JavaScript, AJAX, jQuery, JSON, REST API, Facebook/Twitter API.

Responsibilities:

Code review/refactoring/bug fixes

SmartViolet (1.5 years)

Software Engineer & Architector

Mar 2008 → Oct 2010

smartviolet.com

MyInvoice (1,5 years)

Managed the complete invoicing and payment lifecycle, from invoice generation and organization to payment processing and reconciliation.

Environment:

Ruby v1.8.6, Rails v2.3, MySQL, Unicorn, Nginx, AJAX, JavaScript, JQuery, wkhtmltopdf.

Responsibilities:

Back-end and front-end development;
Unit/Functional tests development;
Communication with the Customer.

“SPE “Tetra” LTD (4 years)

Software Developer & Team Lead

May 2006 → 2008 (under support) → Aug 2013

tetra.ua

Atlant-Protocol (2.5 years)

Web-based systems for storing information about the radiation and ecological monitoring of objects. Report generation and real-time monitoring.

Environment:

Ruby v2.3, Rails v2.1→v4.x, MySQL, Unicorn, Nginx, AJAX, RSpec+Shoulda, GIT, JSON, REST API, Haml, Sass, JavaScript, JQuery, CoffeeScript, HighCharts, Google Maps API.

Responsibilities:

Back-end and front-end development;
MySQL & big-data support;
Refactoring & performance improvements;
Unit/Functional tests development;
Build API & integration with third-party systems;
Migrating from Rails v2.1 → 4.latest;
Communication with the Customers.

Parking (7 months)

A web-based service for managing large-scale vehicle fleets, designed for companies with hundreds of motor vehicles.

Environment:

Ruby 1.9, Rails 2.3, RVM, MySQL, Unicorn, Nginx, AJAX, JavaScript, JQuery

Responsibilities:

Back-end and front-end development;
Refactoring & bug fixes;
Communication with the Customers.

EDUCATION**Sep 2008 - Jun 2009 Institute of Entrepreneurship “Strategy”**

Specialists degree, Software for Automated Systems

Grade: Engineer's & Computer Science

Sep 2004 - Jul 2008 Institute of Entrepreneurship “Strategy”

Bachelor's degree, Software for Automated Systems

Grade: Computer Science