

IVAN ZABRODIN

Software Engineer



BASIC INFORMATION

Belgrade, Serbia

xvanx84@gmail.com, +381 63 772 6270

Веб-сайт: ivanzabrodin.com

WORK EXPERIENCE

Technical consultant

01.06.2024 - Present

Individual entrepreneur (Ivan Zabrodin PR Beograd)

- Strategic technological consulting
- Consultations for team management
- Development and product implementation
- Design of technical infrastructure
- Innovation and research
- Interaction with business partners
- Risk and security management
- Consultations on financial planning and budgeting.

Staff Software Engineer

01.02.2022 - 01.06.2024

Paycos

Strategic Impact

- Led a complete overhaul of the company's payment system infrastructure, resulting in a 50% increase in transaction speed and a 30% reduction in operational costs.
- Developed and launched a new scalable platform capable of handling a tenfold increase in transaction volume, positioning the company for significant growth.

Leadership and Team Development

- Recruited and mentored a team of senior engineers and technologists, leading to a 40% improvement in development efficiency and a 20% reduction in time-to-market for new features.
- Fostered a culture of innovation and continuous improvement, resulting in a more agile and responsive technology organization.

Operational Excellence

- Ensured the payment platform achieved 99.99% uptime through robust infrastructure management and proactive monitoring, enhancing customer trust and satisfaction.
- Optimized cloud infrastructure, reducing costs by 30% while increasing system reliability and performance.

Security and Compliance

- Led the company to achieve PCI DSS compliance ahead of schedule, securing continued business relationships with major credit card networks and enhancing customer trust.
- Maintained a zero-security breach record over three years by implementing cutting-edge cybersecurity measures and regular audits.

Customer and Business Growth

- Developed and implemented technology strategies that led to a 30% increase in customer retention and a 25% growth in new customer acquisition.
- Enabled the company to enter new international markets by developing a globally compliant payment system, leading to a 40% increase in revenue.

Senior Software Engineer

01.01.2021 - 01.02.2022

Paycos

Successful Projects

- Launched a new version of the payment platform, supporting the processing of 300K transactions daily.
- Implemented a microservices architecture that ensured stable system performance despite a 250% increase in transaction volume.

Optimization and Performance

- Optimized payment processing algorithms, reducing transaction processing time by 40%.
- Implemented solutions that reduced infrastructure costs by 25% while maintaining high system performance.

Security Enhancements

- Implemented an early fraud detection system, reducing the number of successful fraudulent transactions by 70%.
- Successfully passed an audit for **PCI DSS compliance**, allowing the company to continue working with leading payment systems.

Technical Leadership

- Trained and mentored the team, which led to increased development efficiency and a 30% reduction in bugs.
- Introduced continuous integration and delivery processes, reducing the time to market for new features by 50%.

Client Satisfaction

- Developed and implemented new functionality that improved the user interface, increasing customer satisfaction by 25%.
- Received high praise from clients for the platform's stability and security, leading to a 35% increase in new customers.

Software Engineer

12.05.2020 - 01.01.2021

Paycos

Payment system development, API integration.

The international payment system is based on PCI DSS standards.

Microservices. NATS.

Antifraud integration.

Crypto wallet.

Ruby on Rails Developer

20.09.2017 - 30.04.2020

Molinos

Creating web applications on RubyOnRails

Working with API / using and creating / with full documentation

Building a project architecture

Assessing the amount and timing of tasks for the backend

Querying the database (PostgreSQL)

Implementation of VK, Telegram, Facebook Messenger and Viber bots

Software Developer

25.02.2017 - 31.05.2018

CashCowPro

Project: Analytics platform and software tool for online sellers (<https://www.cashcowpro.com/>)

Responsible for a part of developing highly distributed Ruby on Rails web application for a high performance, high traffic, advanced interactive site that attracts a lot of visitors per day, by providing technical documentation for various products online.

Ruby on Rails Developer

04.05.2016 - 15.02.2017

Brabens Development

Projects:

Search For Manuals Online

Search For Alternative apps Online

Back-end developing using Ruby on Rails, implementing parsers and crawlers.

QUALIFICATIONS

Summary:

Software development engineer with expertise in Ruby on Rails / Go, web frameworks, and other programming languages, and a passion for Web 3.0 trends, APIs, mashups, and other disruptive technologies.

- Strong knowledge of Web standards and protocols
- Understanding of the relation model and its implementations
- Knowledge of RESTful API
- Writing technical documentation

Technical skills:

Front-end: HTML5/CSS3, JS, Sass, Slim, JQuery, Bootstrap

Back-end: Ruby(Ruby on Rails, Sinatra), Go, RDBMS (MySQL, PostgreSQL), RSpec, Nginx, Puma, Redis, Sidekiq, Docker

Cloud infrastructure systems: Heroku, AWS, GCP

Tools: Vim, Jira, Trello, Slack

Version control: Git

Automating software building: Bundler, Capistrano, Rake

Core principles:

- Design before implementation
- The team is greater than any single person
- Testing leads to stable maintainable code

Language Skills:

- Russian – Native
- English – Intermediate

EDUCATION

Ruby on Rails developer

GeekBrains

<https://geekbrains.ru/>

Dec 2015 - Mar 2016

Ruby on Rails developer

Mkdev

<https://mkdev.me/>

Apr 2017 - Aug 2017

Electricity supply

Mirny Polytechnic Institute (North-Eastern Federal University)

2002 - 2008

INTERESTS

- Snowboard, surfing, skateboarding, workouts
- Foreign language learning

REFERENCES

References available upon request.