

# VASYL RISHKO

Full Stack Web Developer

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## SUMMARY OF QUALIFICATIONS

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Software Engineer with 7+ years of experience in web application development. Started my career with Ruby on Rails and later transitioned to Node.js, where I currently focus on building scalable and high-performance backend systems. Experienced in working with PostgreSQL, MongoDB, designing efficient data models and optimizing queries for performance. While my primary focus is backend development, I also have hands-on experience with modern frontend frameworks such as React.js and Svelte.

I have been involved in the full software development lifecycle, including requirements analysis, system design, prototyping, implementation, testing, deployment, and maintenance. I value clean architecture, well-tested code, and performance-oriented solutions. Continuously improving my technical expertise and staying up to date with modern development practices is an essential part of my professional growth.

Outside of work, I enjoy active sports such as tennis, cycling, and hiking.

Main responsibilities on projects I've contributed:

- Designed, developed, and maintained RESTful APIs for web and mobile applications
- Built complex SQL and MongoDB queries to generate automated analytical and financial reports
- Implemented integrations with third-party services and external APIs
- Designed and integrated Stripe payment processing, including subscriptions, webhooks, and billing workflows
- Configured and optimized AWS infrastructure, including EC2, Lambda, SNS/SQS, and API Gateway
- Contributed to the development and support of single-page applications built with React.js and Next.js
- Increased code reliability by implementing unit and integration tests; documented APIs using Swagger (OpenAPI)

## TECHNOLOGY SKILLS

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### Development

Node.js, JavaScript, TypeScript, Nest.js, Express.js, Strapi, Fastify, Koa, Ruby on Rails, React.js, HTML/CSS3, SASS, Material-UI, Recoil, React Router, Docker, Kubernetes, Serverless, RabbitMQ, Socket.io, Postman, REST, GraphQL, JWT, git, WebStorm, Grafana

### Databases

MongoDB, PostgreSQL, MySQL, DynamoDB, Redis

### Testing

Jest, mocha.js, chai.js, sinon.js, rspec, capybara, cucumber

### Cloud Services

AWS (APIGateway, Lambda, EC2, S3, ElasticTranscoder, SQS, SNS, Route53, etc.)  
Google Cloud Platform (AppEngine, Functions, Storage, Compute Engine, etc.), Firebase

### CI/CD

CircleCI, TravisCI, GitLab, BitbucketPipelines

## EDUCATION

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**Ternopil State "Ivan Pul'uj" Technical University**  
2009 - 2014

## LANGUAGES

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**Ukrainian** Native  
**English** Upper-intermediate

## PROFESSIONAL EXPERIENCE

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### Self Employed

Jan 2024 - present

Delivered full-stack web solutions for applications of varying complexity using Node.js and React for clients across different domains.

### Yalantis

May 2021 - Nov 2023

**Company role:** Node.js back-end developer

**Loop EV charging network**  
(project)

**Project role:** Back-end developer

**Description:** Electric vehicle charging platform including iOS application and web admin panel.

**Responsibilities:** Design and develop background jobs for sending analytics CSV reports using complex SQL queries, Payment integration with Stripe, Enhance performance of existing functionality, fixing complex issues of integration with 3d party service, develop API service to collect transactions and make payments using Stripe.

**Technologies:** Node.js, TypeScript, Express.js, PostgreSQL, Sequelize, Socket.IO, AWS (multiple services), Docker, Mocha.js Redis, Swagger, Winston

**Project Team Size:** 12+

**Duration:** 1 year

**SMBx** (project)

**Project role:** Back-end developer

**Description:** SMBX is a marketplace for Small Business Bonds™- a way for small businesses to raise capital from their communities, and for every day investors to grow their wealth. Businesses on the SMBX marketplace offer Bonds in \$10 increments with a fixed interest rate. Anyone with a US-based bank account can discover available Bonds, choose which to invest in, and receive the monthly principal plus interest payments.

**Responsibilities:** Implementing new functionality on back-end side, fixing high priority issues, communication with customers, including CTO, improving DB queries performances.

**Technologies:** Node.js, TypeScript, Express.js, MongoDB Atlas, PostgreSQL, Sequelize, AWS (multiple services involved), Docker, Jest, Winston logger

**Project Team Size:** 15+ multinational

**Duration:** 1 year 6 months

**Realync Corp.** (product)  
Jan 2018 - Jan 2020

**Company Role:** Full Stack web developer

**Description:** Multifamily enterprise video leasing & engagement platform that instantly connects leasing professionals and prospects to tour communities.

Core features: Create pre-recorded video tours; Host live video tours

**Responsibilities:** Develop and maintain Frontend and Backend of application, configuring deploying, improving performance of API requests, configuring integration with similar services CI/CD.

**Technologies:** Node.js, Sails.js, Backbone.js, MongoDB, AWS, S3, ElasticTranscoder, Mocha.js/Chai.js, REST

**Project Team Size:** 4+ team members

**Duration:** 2+ years

**Swan Software Solutions LLC**  
Jan 2015 - Nov 2017

**Company role:** Ruby on Rails, JS developer

**Responsibilities:** Developing new features, improving existing functionalities, covering code with functional and unit tests

**Projects I've contributed:**

- Web application for analytic health of employees in large companies.
- Online home content storage platform that allows individuals to store images and mark items on it.
- Driver Recruiting and Compliance Management System that helps recruiters convert leads, hire faster, build relationships.

**Technologies:** Ruby on Rails, Backbone.js, Ember.js, jQuery, PostgreSQL, RSpec, Capybara/Cucumber

**Team Size:** 4-8 team members

**Duration:** 6-8 months