Alexander Shestopaliuk
Senior Software Engineer

SUMMARY

- Over 6 years of experience in software engineering with a strong focus on Ruby and Ruby on Rails, delivering backend solutions in finance, e-government, and construction domains.
- Expertise in building and optimizing GraphQL APIs, asynchronous processing with RabbitMQ, and integrating AWS S3 for file management.
- Proficient in test-driven development using RSpec, improving code quality, reducing technical debt, and maintaining microservices architectures.
- Skilled in PostgreSQL, Redis, RESTful services, and infrastructure collaboration, ensuring high reliability and performance in production environments.

TECHNICAL SKILLS

Main Technical Skills	Ruby (5 yr.), Ruby on Rails (5 yr.)
Programming Languages	JavaScript (3 yr.), Ruby (5 yr.)
.NET Platform	ASP.NET Core Framework (3 yr.)
Ruby Frameworks	Ruby on Rails (5 yr.)
Databases & Management Systems / ORM	PostgreSQL (1 yr.), Redis (1 yr.)
Amazon Web Services	AWS S3 (1 yr.)
Version Control	Git (1 yr.)
SDK / API and Integrations	GraphQL (1 yr.)
Soft Skills	Mentor Aptitude
Methodologies, Paradigms and Patterns	microservices architecture (2 yr.), REST (1 yr.)
Message/Queue/Task Brokers	RabbitMQ (1 yr.)
QA, Test Automation, Security	RSpec (1 yr.)

WORK EXPERIENCE

Software Engineer (Financial project)

Duration: June 2023 - present
Summary: A finance domain project focused on developing and maintaining backend services to support complex financial operations and integrations with third-party financial services.
Responsibilities:

- Developed and maintained backend services using Ruby.
- Built and optimized GraphQL APIs with complex business logic.
- Implemented asynchronous processing with RabbitMQ.
- Integrated and maintained third-party financial services.
- Improved internal Ruby libraries and reduced technical debt.
- Increased test coverage using RSpec and improved reliability of critical flows.
- Implemented file storage and management using S3 buckets.
- Refactored legacy code and optimized performance bottlenecks.
- Supported production environment and resolved critical incidents.
- Collaborated on infrastructure and deployment processes.

Technologies: Ruby (2.x), Ruby on Rails (6–7), GraphQL, RabbitMQ, RSpec, PostgreSQL, Redis, AWS (S3), REST, Git

Ruby Back-end developer - P2H (E-government projects)

Duration: Feb 2021 - July 2023
Summary: E-government projects under NDA involving development and maintenance of microservices architecture to support government digital services.
Responsibilities:

- Implemented many new features.
- Supported production environments.
- Covered codebase with tests.
- Maintained features in custom gem.
- Worked and maintained microservices architecture using various technologies and gems.

Full-stack Ruby & JS Developer - Greenbadger LLC – Nortapartners (Construction project to manage and calculate structure waste, materials etc.)

Duration: July 2019 - Apr 2021
Summary: A construction industry project aimed at managing and calculating structural waste and materials to optimize resource usage and project efficiency.
Responsibilities:

- Supported production environment.
- Implemented many new features.
- Refactored legacy code and improved code quality.
- Increased request speed.
- Mentored 2 junior developers.

Full-stack Ruby & JS Developer - Freelance (VPN service and an online store)

Duration: Sep 2017 - July 2019
Summary: Long-term freelance projects including a VPN service and an online store, both developed using Rails 5 with JavaScript.
Responsibilities:

- Developed and maintained projects using Rails 5 and JavaScript.

Technologies: Rails 5, JavaScript

EDUCATION

- **Nicolaev University**
  Ukraine
  2014 - 2017
- **ONPU**
  Bachelor degree
  2017 - 2019
- **Computer Academy “Step”**
  Learn C, C++, HTML, CSS, JS, C#, .NET, ASP, Data Structures
  2014 - 2019