



Siarhei Hinkou

Full Stack Software Engineer | Individual Investor

Full Stack Software Engineer with over 13 years of expertise in developing and leading innovative projects across various industries. Proficient in Ruby on Rails, Ruby, Python, JavaScript, Node.js, React, React Native, Angular, jQuery, PostgreSQL, Docker, QA, Amazon S3, Data Analysis, JSON, GPT, and optimization techniques. Skilled in making architecture decisions, integrating external services and APIs, and achieving 100% test coverage.

Contacts

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Andorra la Vella, Andorra

LinkedIn

<https://www.linkedin.com/in/siarhei-hinkou/>

Portfolio

<https://hinkoulabs.com/>

Education

2007-2012

Bachelor's Degree, Computer Science

Belarussian State University of Informatics And Radioelectronics, Minsk, Belarus

Skills

- Teamwork
- Problem Solving
- Ruby / Ruby on Rails
- Python
- JavaScript
- React.js
- React Native
- Node.js
- Automated Testing

Languages

- **English**
Full professional proficiency
- **Spanish**
Limited working proficiency
- **Catalan**
Limited working proficiency
- **Russian**
Native or bilingual proficiency
- **Belarusian**
Native or bilingual proficiency

Experience

○ Sep, 2021 - Current Date

Hinkou Labs, SL | Andorra

Founder / Owner

The company was established to be able to work remotely as a contractor (B2B). In addition, within the company I work on my own products:

- LexiGym (<https://lexigym.app/>), a mobile app for vocabulary training in foreign languages, developed using React Native + ChatGPT integration.
- Imaginov QZ (<https://imaginov.com/>), a platform for quizzes and trivia games, developed using React Native, Ruby on Rails and Python.

○ Jun, 2015 - Sep, 2023

Yodel Technology Services / Digital Media Solutions | Contractor | USA

Lead Full Stack Software Engineer

- Led the development of a high-performance CRM system handling 1 million daily calls for call centers.
- Improved user data collection, identified high-quality calls, and efficiently directed them to the appropriate clients.
- Implemented automated data collection and filtering with advanced algorithms for prioritizing valuable interactions.
- Integrated dial agent quality assurance mechanisms to monitor and enhance agent performance.
- Developed comprehensive reporting tools for call metrics, agent efficacy, and workflow performance analysis.
- Designed a modular workflow support system with a flexible, adaptable architecture catering to specific client needs.
- Enabled quick customization and extension, allowing campaign settings updates without code changes via database updates.
- Successfully updated the CRM system to the latest Ruby on Rails version, ensuring modernization and improved functionality.
- Engaged in sprint activities, weekly calls, and on-demand calls with project teams and managers.
- Interacted with clients' development teams for CRM integration into their business workflows.
- Created technical documentation for customers and project managers.
- Made architecture decisions and provided integration with various services and APIs, including REST, JSON/XML, and SOAP.
- Integrated third-party payment gateways such as Paypal and Authorize.net.
- Developed features for dynamic forms and scripting using React/Node.js.
- Built a portal for finding education offers with React/Node.js.
- Implemented a feature for uploading audio files/data reports to FTP/SFTP/Amazon S3 with a Grape + Swagger API.
- Achieved 100% test coverage, including Node.js mocks, ensuring robust and error-free functionality.

○ Aug, 2014 - Jul, 2015

SumatoSoft | Full-Time | Belarus

Senior Full Stack Software Engineer

- Led the development of Mediatron, an online service for advertisers to control Google Adwords and Yandex Direct campaigns.
- Made critical architecture decisions, ensuring efficient campaign management and optimization.
- Developed backend features using Ruby on Rails for robust functionality.
- Implemented frontend features using Angular JS, creating a user-friendly interface.
- Participated in sprint activities, including weekly team calls and project planning.
- Integrated external services such as Google Adwords and Yandex Metrika for comprehensive campaign analytics.
- Set up and supported project infrastructure, including database and server management.
- Delivered code using deployment scripts with Chef, ensuring smooth and consistent deployment.
- Developed RabbitMQ integration for efficient message queuing and communication.
- Achieved 100% test coverage, ensuring the reliability and stability of the system.

○ Dec, 2010 - Aug, 2014

Itransition Group | Full-Time | Belarus

Software Engineer

Itransition Group is an outsourcing company, so I had a chance to work on multiple projects. Those projects were related to different business areas and required multiple business solutions from APIs to Web portals. During that time, I was promoted from junior to senior software engineer. It was a great experience where I learned a ton about system design, best programming practices and corporate teamwork.

- Creating features using ROR
- Building APIs
- Integration with different services and APIs
- Integration with payment gateways (Paypal, Authorize.net)
- Setting/supporting project infrastructure (db/server/search engines)
- Delivering code using deployment scripts (Capistrano)
- Achieved 100% test coverage, ensuring the reliability and stability of the system.