



Tomasz Jaskiewicz

Senior Backend Software Engineer



Cracow, Lesser Poland, PL



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<https://tjay.dev>



Polish, English



BACKGROUND



ABOUT

I'm a backend software engineer with 6.5+ years' experience in Ruby, 3.5+ years' experience in Fintech industry (especially Cards industry). I'm a professional & skillful Rubyist, passionate about selfhosting, cloud and new technologies. An aspiring DevSecOps practitioner - I believe implementing DevSecOps philosophy makes outstanding projects. I have led multiple projects and teams. I'm looking for next challenge within a people-oriented, great culture, high-growth environment, remotely.



WORK EXPERIENCE

• Senior Backend Engineer, solarisBank AG

Oct, 2017 - Present

solarisBank builds and provides a Banking-as-a-Service platform for businesses based on various APIs. I joined Cards Team where from the beginning I worked on multiple cards related products, mainly in Ruby language.

- Cards Management - issuing and managing cards, integrating with 3rd party providers.
- Processing Cards Transactions - building a complex mechanism and service for processing card transactions.
- Smart Agent - allowing customers to receive and respond to fraud alerts digitally and moving fraud management away from labour-intensive call centers.
- 3D Secure - an additional security layer for online credit and debit card transactions allowing our customers to be safer online.
- Cards Tokenization - tokenization of customers' cards allowing them to use digital wallets, like Apple, Google, Samsung.
- PCI DSS Compliance - building a safe and PCI DSS compliant security system for Cardholder Data (CHD) with Cyber & Architecture Teams.
- Building and moving to AWS infrastructure - designing and implementing infra as code for cards services during the company migration to AWS Cloud by leveraging Amazon Services for specific applications.
- Technologies: AWS: Fargate, S3, Lambda, RDS, DynamoDB, Secrets Manager, Cloudwatch, Terraform, Docker | Ruby: Sidekiq, Shoryuken, Grape, dry-rb, Sequel

Senior Ruby on Rails Developer & Team Leader, Netguru

Dec, 2016 - Jan, 2020 🕒 3 years 2 months

2 projects: A LinkedIn-like platform for invitation-only users & An exclusive career marketplace that connects high-potential candidates to top-tier employers

- Functionality that enables user to add/remove job opportunity, to/from watching list, integrating application with Segment.io + implementing custom analytics events on backend, developing API for frontend part of the app, implementing a robust search engine with Searchkick and Elasticsearch, refactoring legacy code, implementing multiple user type architecture, implementing a CSV importer for adding new users to the platform, designing and implementing state machine structures for most common models, implementing referrals mechanism.
- Integrating new design with an already existing platform, setting up a staging environment and deployment with Capistrano, fixing bugs in frontend and backend part, speeding up an app by optimizing database queries, cleaning codebase by removing legacy code, implementing a panel to add career offers visible on a homepage, implementing a

dashboard statistics panel to show users activity, fixing security issues, introducing decorators and service object patterns, implement tracking user activity services, introducing page objects pattern and implementing features specs.

Ruby on Rails Developer, Netguru

Apr, 2015 - Dec, 2016 ⌚ 1 year 8 months

2 projects: A platform for job-seeking, recruitment, and learning for African market & An application for passive recruitment which uses external APIs to gather information about candidates and employers.

- Email invitations secured with tokens, main functionalities in the platform like work experience references and skill references, campaign creation multistep form, a messaging system using Mailboxer gem, optimizing database queries to avoid performance issues.
- Designing and implementing main app's architecture, architecture for API clients, background processing solution using Sidekiq, simple event store solution for processing published events, a module for sending daily reports via email, panels for viewing/managing resources in an admin panel, monitoring for API queries in an admin panel, implementing a service to divide long titles into small meaningful keywords.

Junior Ruby on Rails Developer, Netguru

Jan, 2015 - Mar, 2015 ⌚ 3 months

2 projects: Flight support management app & Multi-platform where people can find each other quickly, conveniently and exchange services.

- Integrating the application with Amazon S3, improving new contacts addition and editing contacts details.
- Generating PDFs for vouchers and invoices, building validations for forms.

Ruby on Rails Intern, Netguru

Dec, 2014 - Jan, 2015 ⌚ 1 month

One-month internship in the project building a video on demand platform.

- Implementing discount coupons for purchase orders
- Sending emails to customers (overdue orders)

Product Development Manager, AIESEC Krakow

Oct, 2013 - Mar, 2015 ⌚ 1 year 5 months

e-Marketing Specialist, MTWeb.pl

Jun, 2014 - Oct, 2014 ⌚ 4 months

Interactive Agency founded in 2005 specialized in SEO, SEM, Social Media, creating Google Ads, Facebook Ads campaigns.

- Preparing email marketing campaigns & marketing strategies with advertising Campaigns in Adwords and FB Ads

Online Marketing Specialist, AIESEC Polska

Feb, 2014 - Jul, 2014 ⌚ 5 months

Intern, SALESmanago

Aug, 2013 - Nov, 2013 ⌚ 3 months

</> PROJECTS EXPERIENCE

Netguru College, Netguru

Nov, 2018 - Nov, 2018 ⌚ 2 days

Ruby on Rails Weekend Workshops | November Edition in Cracow

Netguru College, Netguru


Jul, 2018 - Jul, 2018 ⌚ 2 days

Ruby on Rails Weekend Workshops | July Edition in Cracow

Netguru Ruby on Rails Weekend Workshops, Netguru

Dec, 2015 - Dec, 2015 ⌚ 2 days

Netguru Ruby on Rails Weekend Workshops, Netguru

Oct, 2015 - Oct, 2015  2 days

Ruby on Rails Weekend Workshops | October Edition in Wroclaw



SKILLS

Software Development

HTML / CSS Javascript Object-Oriented Programming (OOP) Ruby / Ruby on Rails / Grape / Sidekiq / Shoryuken Git
MySQL / PostgreSQL / NoSQL Software Architecture

Devops

Cloud Computing Ansible Docker Terraform
Amazon Web Services / ECS / S3 / DynamoDB / Lambda / SQS / SNS / RDS / Cloudwatch Serverless Networking
Infrastructure as Code

Marketing

Social Media Marketing Online Marketing Brand Management Email Marketing Marketing Strategy Web Analytics

Soft skills

Project Management Strategic Planning Team Leadership Team Management



EDUCATION

Computer Science, Engineer's degree, AGH University of Science and Technology in Cracow

Dec, 2010 - Dec, 2014

Managerial Studies, Postgraduate studies, Tischner European University in Cracow

Dec, 2014 - Dec, 2015



CERTIFICATES

AWS Certified Cloud Practitioner, Amazon Web Services Training and Certification

Issued on: Mar 02, 2020

Docker Fundamentals, A Cloud Guru

Issued on: Oct 06, 2019



PUBLICATIONS

HowTo: My Terminal & Shell setup - Hyper.js + ZSH + starship, TJay.dev | Blog

Published on: Sep 08, 2019

How to configure terminal and shell to stay productive on a daily basis? Which shell to use? What are tips & tricks to speed up command line usage?

HowTo: Working efficiently with large files in Ruby, TJay.dev | Blog

Published on: Sep 02, 2019

How to process large files in Ruby while keeping CPU and memory usage in control?

Contributor in Ruby Weekly #292, Ruby Weekly

Published on: Sep 02, 2019

Picguard: Visual Identification for Filtering Purposes



INTERESTS

Sport

[Triathlon](#)[Cycling](#)[Running](#)[Swimming](#)[Bikepacking](#)[Crossfit](#)[Longboarding](#)[Yoga](#)[Kayaking](#)[Hiking](#)

Gardening

[House plants](#)[Hydroponics](#)[Water plants](#)

Coffee

[Filter coffee](#)[Home Barista](#)[Speciality coffee](#)

Selfhosting

[Open Source](#)[Home Automation](#)[Hosting services at home](#)[Smart Home](#)[New Technology](#)

Travelling

[Food tourism](#)[Bikepacking](#)[Nature lover](#)

REFERENCES

Maciej Pastuszka, Senior JavaScript Developer & Team Lead in SYZYGY, Warsaw

As the project coordinator, Tomasz showed professionalism, he was able to skillfully plan activities that would translate into results and lead to the intended goal. In addition to team management skills, Tomasz showed knowledge in the field of IT. The combination of these skills contributed not only to the achievement of the goals of the project but also to the development of the members of which Tomasz was the coordinator.

Michał Czyżewski, Data Scientist/Machine Learning Specialist

Tomasz Jaskiewicz at work shows professionalism and professional curiosity. During the project, Tomasz constantly expanded his knowledge in its field, showed his own initiatives, and was heavily involved in the project.