ANTONI KARASAVOV

SENIOR SOFTWARE ENGINEER

Summary

Results focused senior software engineer with over a decade of experience in building, optimising, deploying, and maintaining web applications with Ruby backends and your favourite JavaScript framework.

Experience

BUILDER.AI

Senior Software Engineer May '23 - May '25 Remote, UK

`RUBY` `PYTHON` `RUST` `DOCKER` `K8S`

Part of the Building Blocks team responsible for maintaining ~400 rails engines which were used to assemble client applications. *Highlights*:

Upgraded all engines from ruby 2.7 / rails 6.0 to ruby 3.1 / rails 7.1

Developed a custom build tool on top of bundler, rails generators, and a ruby AST parser to aid in client application assembly.

Wrote a custom LSP server for providing diagnostics from internal services directly in your editor.

SILKFRED

Senior Web Development Consultant June '21 — Feb '23 Remote, UK

`RUBY` `RAILS` `JAVASCRIPT`

Collaborate with UX design team on building a new Design System based around components.

Implement SilkFred's third iteration of page designs throughout silkfred.com.

Work with the Customer Experience Team to refactor and upgrade the returns system in order to improve visibility of the returned or exchanged items.

Improve SilkFred's bespoke integration with Shopify, which enables the brands to self-onboard.

Build a background processing workflow for uploading, verifying, and importing stock upload files for their Brand interface.

HSBC

Site Reliability Engineer Feb '21 — May '21 Remote, UK

`GO` `CLOUD FOUNDRY` `RUBY` `BOSH` `CONCOURSE CI`

Provide support to application developers for the CloudFoundry PaaS at HSBC.

Troubleshoot and resolve issues with network connectivity - usually involved in helping app developers trace requests through the platform and surface problems by analysing logs.

Reduce toil by improving foundation monitoring and formalise a policy for granting requests for increased quota, which is the first step towards automating the process.

Improve health checks and Ops automation tasks by fixing bugs in the existing Concourse pipelines, while also being part of the on-call support rota.

MTVH

Senior Ruby on Rails Consultant Feb '20 — Feb '21 Remote, UK

`RUBY` `RAILS` `JAVASCRIPT` `MENTORING` `GIT`

Mentoring/Coaching part:

Lead a team of two junior and a senior Ruby on Rails programmers through transitioning the development for a suit of applications from a third party agency to in-house.

Help build the in-house team capabilities by mentoring, reviewing code, pairing with juniors and taking detours into Rails internals, while providing regular practical learning sessions, based on a chosen topic, e.g. REST APIs, HTTP protocol, Network programming, sockets, OSI model and some more theoretical topics, such as OOP , Composition, Interfaces, Dependency Injection, etc.

Participate in transitioning work sprints where we've successfully transferred domain knowledge of the application to the internal team.

Lead interviewee worksim sessions for a senior Ruby on Rails role.

Practical/Application coding part:

Improve the handling of connections for a custom SQL Server library by introducing connection pooling

Review and provide feedback on code affecting various parts of each application, like integration with third party APIs, payments, handling external service dependencies.

Enhance test coverage and fix intermittently failing specs, which eliminates bad builds and boosts team confidence in the CI/CD.

Pay back some tech-debt by modernising outdated libraries and refactoring some of the code used for handling data from their "middleware" and payment gateway applications, while taking the junior team through the process.

CABOODLE STORAGE
Senior Software Engineering Consultant Jan '18 — Dec '19 Remote, UK
`RUBY` `RAILS` `VUEJS` `TYPESCRIPT` `AWS`

Build, test and deploy a user facing web application in Ruby on Rails and VueJS that enables customers to place online orders, request collections and returns, and manage a catalogue of their belongings.

Cut payment gateway costs by implementing Stripe for recurring payments processing.

Integrate with DPD and other courier APIs in order to improve visibility and tracking of customer orders.

Build a bespoke Ruby On Rails warehouse management system which reduces warehouse management complexity with support for third-party app integration via exposing a fully documented and tested REST API.

Build a small VueJS based electron print-server app that enables warehouse staff to encode RFID transponders and print labels to any printer in the facility from any one workstation.

PLANDEK
Senior FrontEnd Developer Sept '16 — Jan '18, Remote/London, UK
`RUBY` `EMBERJS` `D3`

Lead a front-end team in building a business intelligence EmberJS application on top of the company's existing data APIs and infrastructure.

Increase usability and user engagement by developing a modular charting engine based on EmberJS components, service objects and D3.

Cut down cycle times and dramatically reduce QA team's efforts by implementing a system that is capable of running different versions of the application by loading code from different Git branches.

Proactively get involved in maintaining a Rails API-only app in order to aid faster customer onboarding.

Report directly to product team and CEO, participate in weekly sprint meetings and contribute to overall improvement of the product.

More software engineering roles before 2016 available upon request

Education

Kingston University
MSc Software Engineering 2012

City University of Seattle
BSc Business Administration 2010

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