

# Ghennadii M.

## Senior Senior RoR Software Engineer

### SUMMARY

- 15+ years of project and team management in software design
- 8 years of commercial Ruby on Rails experience
- 2 years experience in c# / .NET / MS SQL (incl. TSQL)
- 7+ years experience in system design and programming inside proprietary RAD platform for finance/accounting/ERP applications
- 2 years in designing hardware/programming microcontrollers for security applications
- Upper-intermediate English
- Available ASAP

### TECHNICAL SKILLS

<b>Main Technical Skills</b>	Ruby on Rails
<b>Programming Languages</b>	C#, JavaScript, Ruby
<b>UI Frameworks, Libraries, and Browsers</b>	Bootstrap, Foundation, jQuery
<b>JavaScript Frameworks</b>	jQuery
<b>.NET Platform</b>	.NET
<b>Ruby Frameworks</b>	Ruby on Rails
<b>Ruby Libraries and Tools</b>	Sidekiq
<b>PHP Frameworks</b>	Slim
<b>Databases &amp; Management Systems / ORM</b>	Materialize, Microsoft SQL Server, PostgreSQL, Redis
<b>Cloud Platforms, Services &amp; Computing</b>	AWS, Heroku

## EXPERIENCE

### Senior RoR developer

Apr 2021- now

**Description:** Charanga Music - senior RoR developer. Working on upgrading a complex and severely outdated Rails application to the latest Rails version. The application currently serves around 200k music teachers and more than one million pupils around the world.

### Senior RoR developer

Apr 2020 - Apr 2021

**Description:** Patchwork Health - senior RoR developer. Working within a diversified technical team building locum shifts management software serving a growing number of hospitals across the UK.

### Senior software developer

Apr 2016 - Mar 2020

**Description:** Populi Ltd (Vox group) - Senior software developer. Working within small team on several intra-company projects simultaneously:

- Maintaining the current version of the company's main internal ERP-like software solution (logistics, business development, accounting, billing)
- Rewrite/refactor main company's software to migrate to a better-implemented system including the transformation of legacy database structure while keeping continuity of accounting regarding that more than 100 users relying on the system daily.
- Supporting/improving system for planning, booking, and customer tickets/ access management to all Vatican museums and St. Peter's Basilica.
- Created a back-end for the tourism-related app from scratch. Modules include access management, content/package management system, billing with an extensive reconciliation algorithm. Constant redesign and improvement of the product following adjusting it to market niche
- Writing tests, designing/redesigning app/DB architecture, and discussing possible options within the team/customers. Love code review and knowledge sharing to elaborate team-wide
- Development/maintenance approaches. Happy to reach out to decision-makers and stakeholders to understand their needs and priorities better and explain available roadmap options to give them an ability to make educated decisions.

**Technology:** Ruby 4 / 5, Postgres, Sidekiq/Redis, Bootstrap, JS, slim, Heroku, AWS. Flutter (native mobile apps for iOS & Android)

### SendMeCard.com

2015

**Description:** Startup providing users with the ability to create online custom postcard and send it as a physical postcard

#### **Responsibilities:**

- catalog of card designs (proprietary and shared with public)
- javascript tool for cropping the image to proper size and proportion



- placing text messages with color, size, and opacity adjustment on top of the postcard's image
- integration with PayPal payments
- integration with printing provider's API
- integration with Fotolia's API

**Technology:** Ruby on Rails, Postgresql, Javascript, jQuery, Foundation

### **CozyPostal.com**

2015

**Description:** Startup which allows local businesses to act as part of delivery point network

**Responsibilities:**

- catalog of delivery points small businesses registered to join the network
- orders entered by users, their status, and additional information entered by delivery point
- user's and delivery point's dashboards, email and SMS notifications
- standalone mobile application to take and upload photos of the package received by the delivery point
- designing database to map all logistical processes
- Rails straightforward solution
- javascript/Cordova mobile application for delivery point's manager to take and upload photos of received packages

**Technology:** Ruby on Rails, Postgres, Materialize, jQuery, some Javascript

### **cms.linkator**

2015

**Description:** Standalone CRM with basic functionality tuned for the needs of beauty salons/ cosmetologists

**Technology:** Ruby on Rails, Postgresql, jQuery, Bootstrap

### **Selenium.ru**

2013-2015

**Description:** Developed an entire one-stop online marketing solution for SMB

**Responsibilities:**

- online catalog of companies with deep SE optimization: adjustment pages structure with proper keywords, internal linking
- custom CRM implemented to manage smoothly all internal sales procedures for distributed sales team
- collecting and transforming external data to produce initial data for catalog and CRM database
- one page website builder with flexible functionality and closely knitted with catalog data
- internal statistics designed to show the audience which every advertiser reached specified period
- PPC advertising management for hundreds of external campaigns with thousands adverts



## **StylePit.com**

2012-2013

**Description:** Developing online marketing (SEO) tool for inhouse use

**Responsibilities:**

- collection SEO data from e-commerce website
- deliver reports based on collected data
- assign and watch tasks for on-page and off-page SEO for several users/managers
- database design to hold all needed data optimized for collecting big amount of data and fast report building
- user authentication with role management

**Technology:** Ruby on Rails, Postgresql, jQuery, Bootstrap, some Javascript

## **Software engineer, software developer, C# related projects**

2005-2007

**Description:** Logistics and cost controlling system for a big independent luxury car dealer

**Responsibilities:**

- Online store
- Dashboard for managing/supporting orders from sub-dealers
- Internal cost tracking/prediction

## **Team leader, product manager, database structure design, some programming**

2004-2005

**Description:** Online store platform for all-round corporate online trading, delivery, and business process management solution

**Responsibilities:**

- Web showcase
- Content management system with extensive goods attributing
- Data sourcing and pricing management
- Stock management system
- Financial controlling and asset management
- Courier logistics / cash management

**Technologies:** C#/.NET, MS SQL

## **Software engineer/developer for ERP-class systems**

1997-2004

**Responsibilities:**

- Leading software designer core database structure planning
- Product manager close cooperation with customers' team and management to discover and specify needs
- Software developer most of the core code was written by me in order to ensure that system will be easily extendable for future needs of the client



## Projects:

- **Big steelworks plant bookkeeping automation**
  - complex cost calculation for the multistage production process
  - different bookkeeping models for different departments
  - complex tax calculation due to long terms of delivery and many different INCOTERMS conditions applied for purchasing and sales
  - many existing subsystems and distributed bookkeeping departments
- **Integrated system for international logistics company**
  - Managing own fleet of cargo camions and passenger buses
- **Complex payroll, compensations, and advances calculation**
- **Bookkeeping system for food processing plant**
  - Finance management, production cost calculation, various taxes calculation and filling
- **Bookkeeping/ERP management system for car assembling plant**
  - Finance management, production cost calculation, various taxes calculation and filling
  - Logistics management solution
- **ERP system for nationwide electronics devices distributor**
  - Preorder management (sales analysis for purchases planning and shipped goods management)
  - Budgeting and finance management (cash flow prediction, factoring agreement management)
  - Stock and logistics management (multiple stocks, different customs status of goods)
  - Cost prediction and calculation
- **HR, time filing, payroll and salary taxes calculating system for a river shipping company:**
  - many different compensation schemes
  - complex social benefits calculation
  - full HR management (paid holidays, maternity leave, sickness compensation, long service pay, etc)
- **International car trader logistics and cost calculation**
  - complex car logistics (many models, various options, chain of ownership transfer during shipping, complex rules for cost calculation to reflect different business approaches)
  - customs controlled storage management and customer invoicing
- **Goods management, cost calculation, and cash management system for retail network:**
  - flexible price calculation
  - many forms of supplier agreement (consignation, buy for cash, deferred payment, etc)
  - serial numbers accounting

**Technologies:** RAD framework for ERP applications with a proprietary language, MS SQL, MS terminal server

