

Codrut Constantin Guşoi

Grand Poobah of Automation and Free Pizza Enthusiast

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Skills

- 📄 **Languages** Ruby, JavaScript, SQL, Bash
- 🏗️ **Frameworks** Ruby on Rails, Sidekiq, Hutch, Pact
- ⚙️ **Automation** Docker, Ansible, Terraform, GitLab, Grafana, Kubernetes, AWS
- 🗄️ **Data** PostgreSQL, Redis, RabbitMQ, S3

Experience

🌐 **Transreport** 📍 *London, United Kingdom*
Engineering Manager, VP of Engineering 2022 - Present

- Ask and you shall find out!

🌐 **Welink** 📍 *Remote*
Co-Founder and Grand Poobah of Automation 2021 - 2022

- As a Co-Founder I've had the opportunity to bootstrap many tech and non-tech activities together with a small group of 3 other engineers turned entrepreneurs, including: creating end-to-end automated CI/CD pipelines, safeguarding cashflow by self hosting internal applications instead of paying for expensive vendors, securing clients against ransomware attacks, creating intellectual property around software development and deployment to have a fast baseling for delivering projects to our clients, setting up recruitment practices for an efficient and high quality hiring funnel, writing up technical documentation and mentoring junior developers, as well as helping with project development for our clients.
- In general you could say we've been doing anything and everything needed to make our business thrive!

🌐 **Funding Circle** 📍 *London, United Kingdom*
Software Engineer, Site Reliability Engineer 2017 - 2021

- Joined the borrower originations team as an engineer dealing with the main Ruby on Rails monolith application where we had to automate loan scoring.
- Moved on to the AWS migration team that worked on refactoring all applications so they can be moved from Rackspace to AWS using Docker running on top of Mesos.
- Transitioned to the platform domain, in a team where our main focus was to maintain the software quality of applications and improve the CI pipelines with new tools and practices. Here I've introduced the concept of contract testing using Pact to the engineering teams, helped with migrating applications to Kubernetes, and wrote tools to help with mocking third party services that interacted via REST APIs, RabbitMQ, and Kafka.
- As an SRE, providing engineering teams and management a Grafana dashboard with the Accelerate Metrics for measuring Software Delivery Performance, and automating on call schedules and payments using Pagerduty. Also, developing new tools and checks for the CI/CD pipelines, closely collaborating with the security team in ensuring AWS resoruces are properly guarded.




🌐 **Endava, Zitec, EXE Software** 📍 *Bucharest, Romania*
Software Engineer, DevOps Engineer 2013 - 2017

Open Source


I engage with numerous Open Source communities related to software projects that I use personally and professionally. Notable mentions are:


- Emacs, Emacs Packages, and Spacemacs, for the improvement of my beloved code editor.
- Manjaro and Arch Linux for keeping the software I use on my machines up to date.
- Self Hosted tools like Redmine and Gitea.
- The Ruby community by updating Docker Images and fixing bugs in Ruby Gems.

Hobbies

-  **Cooking** A skill I've refined due to lockdown. Started experimenting with different ways of cooking steaks I get from my favourite Butchers and experimented with sourdough science for tasty breads and proper pizza. Also, I drilled a hole in a fridge so I could insert temperature and humidity probes to control the climate inside in order to produce my own Charcuterie.
-  **Gardening** Fruit and herbs from UK supermarkets are horrible (I don't eat vegetables), so I grow my own on an allotment, usually by finding a variety I like and growing it from seed that I source both domestically and internationally. I also conduct research into no-dig, natural beyond organic, and agricultural practices that tailor to the specific plants I grow.
-  **Investing** Being fascinated by financial systems, I study the stock markets by managing a small portfolio of stocks while automating data collection and processing.

Education

 **University of Bucharest**
Bachelor's Degree in Informatics

 *Bucharest, Romania*
2014