

Mihai-Longin Târnovan

Web Developer

mihai.tarnovan@cubus.ro

twitter.com/mtarnovan

github.com/mtarnovan

Education

2000-2006 Technical University of Cluj Napoca, B.D., Computer Science (English curriculum)

1999-2000 Babes-Bolyai University of Cluj Napoca, Journalism (German curriculum)

1994-1998 Brukenthal High School Sibiu, Mathematics-Physics (German curriculum)

Languages

English (near-native), German (near-native), Romanian (native)

Experience

Eclectic knowledge of web development across the stack, with emphasis on the backend. Strong focus on Ruby on Rails (8+ years)

Languages and technologies: C, PHP, Java, Ruby (Rails, Sinatra, Rspec, Capistrano, Sidekiq etc), Javascript (CoffeeScript, React), HTML/CSS/HAML/SCSS, MySQL, Postgres, ElasticSearch, Redis, Memcached, Linux/FreeBSD, AWS (EC2, Opsworks, SQS, S3, Cloudfront, Heroku), & many more

Interests

Currently looking to improve my frontend skills, especially around the React ecosystem (Flux, Redux, ES6 etc), and to dive deeper into functional programming on the backend (Scala, Elixir)

Selected client work

Project: aeon.co Online Publishing Platform (2014-2015)

- Worked remotely as Senior developer on a small but agile team to create a social network around discussing ideas (Aeon Ideas) and a publishing platform to replace the legacy Wordpress behind Aeon Magazine, merging these together for the relaunched aeon.co
- Backend: Rails, Rspec, Capybara, AWS (S3, Opsworks), Postgresql, Sidekiq, Github, Codeship (CI), NewRelic, Keen.io (custom analytics)
- Frontend: React, CoffeeScript

Project: Online bidding platform, Inc500 company (USA) (2012-2013)

- Senior developer (remote) on a large codebase consisting of multiple components using various technologies (Rails, Java, Adobe Flex)
- Development of new features
- Requirement analysis, implementation and documentation of client facing RESTful APIs
- Migrating a large codebase from Rails 2 to 3
- Scale, re-architect and re-implement background processing facility
- Re-implement frontend using Backbone
- Rails, AWS (EC2, S3, SNS, SQS), APIs, Backbone

Project: Portfolio management and recruitment portal for the creative industries (2011)

- Architect and implement backend (Rails/MySQL/Elasticsearch)
- Frontend implementation (Javascript, jQuery)
- Rails, ElasticSearch, Linux

Project: Statistics and reporting system for analysis of real time traffic data (2006)

- Analysis and reporting on real-time data collected from sensors mounted on highways
- Design and implement persistence module
- Design and implement reporting and charting
- Java, Struts, Hibernate

Projects: Multiple medium scale customized CMS systems using OpenCMS (2001-2006)

- Java, Tomcat, OpenCMS, MySQL, Linux
- Clients included XAL, HGAA, Eibach

Project: Text extraction tools (2000-2004)

- Implemented text extraction tools for an information retrieval system for a multitude of formats (PDF, Microsoft Office, OpenOffice, Autocad and many others).
- C (cross-platform Windows/Linux)

Co-founded projects

Project: factureaza.ro Invoicing SaaS (2007-present)

- Co-founder, developer
- Invoicing SaaS for the Romanian market
- Many features: API, time tracking, document merging, automatic recurrent billing
- 10.000+ signed up users (freemium model)
- Many iterations, first implementation started before release of Rails 1.0
- Currently migrating to Rails 4, responsive frontend
- Rails, MySQL, FreeBSD

Project: flipster.ro Fashion swap startup (2013-present)

- Co-founder, developer

- Rails, Websockets, Postgresql, Sidekiq, Zurb Foundation (fully responsive frontend), ActiveAdmin, Facebook integration, AWS (S3), keen.io, automated delivery process (API integration with courier service)

Project: Travelbox.ro Booking management SaaS (2008-2009)

- Co-founder, developer
- Flexible booking management for boarding houses, hostels and hotels
- Embeddable booking widget
- Rails, MySQL

Project: OpenAPI.ro (2009-present)

- A set of free APIs for the Romanian market
- Sinatra, Datamapper, MySQL