

Mihai-Longin Târnovan

Senior Developer

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Education

- 1999-2004 Technical University of Cluj Napoca, Computer Science (English language 5 year curriculum, Bologna Master M.Eng. equivalent)
- 1998-1999 Babes-Bolyai University of Cluj Napoca, Journalism (German language curriculum)

Languages

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

Experience

Developer with entrepreneurial experience and eclectic knowledge of web development across the stack, with emphasis on the backend. Strong focus on Ruby (8+ years) and Elixir (4+ years).

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

Interests

Currently looking to transition into management or hybrid positions (Team Lead, Project Manager, Engineering Manager)

Selected work

Project: steadyhq.com Online Membership System (2019-2022)

- Worked remotely as a Senior Developer to improve all aspects of the product
- Tackled diverse tasks, from frontend to backend to infrastructure, and in a variety of roles: Senior Developer, Project Manager, interim CTO
- As the first engineer hired, had the opportunity to work closely with the technical cofounders to shape both the codebase and the processes of the dev team
- Demonstrated capability to successfully plan and execute complex projects
- Backend: Elixir, Phoenix, Postgres, AWS (S3, SES, SQS)
- Frontend: Vue, React, Unpoly
- Tooling and infrastructure: Github, CircleCI, Sentry, AppSignal, Cloudflare, OpenSearch (Kibana), JIRA, Linear

Project: aeon.co Online Publishing Platform (UK/Australia) (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), Postgres, Sidekiq, Github, Codeship (CI), NewRelic, Keen.io (custom analytics)
- Frontend: React, Coffeescript, HAML
- Devops

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)
- Geolocation-aware search
- 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 complex text extraction tools for an information retrieval system for a multitude of formats (PDF, Microsoft Office, OpenOffice, Autocad and many others)
- Challenging reverse engineering of poorly documented binary formats
- C (cross-platform Windows/Linux)

Co-founded projects

Project: openapi.ro (2009-present)

- Solo founder, developer
- Rails, Postgres, Sidekiq, Github, Elixir, Phoenix, AWS, Terraform, Docker, Scaleway, Hetzner Cloud
- APIs targeting Romanian developers, compiling multiple non-structured data sources into a single developer-friendly API offering company information and financial data
- Complex data ingestion based on a mix of Ruby and Elixir services

Project: factureaza.ro Invoicing SaaS (2007-2016)

- 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
- Rails, MySQL, FreeBSD

Project: flipster.ro Fashion swap startup (2013-2015)

- Co-founder, developer
- Rails, Websockets, Postgres, Sidekiq, Zurb Foundation (fully responsive frontend), ActiveAdmin, Facebook integration, AWS (S3), keen.io, automated delivery process (API integration with courier service)
- Real-time push notifications via websockets
- Fully responsive frontend UI to smartphones, tablets and desktop
- Automated integration with delivery services

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