

Zoltán Humpok

FULL STACK DEVELOPER
W/ EXPERIENCE



EXPERIENCE

I'm a full-stack developer with years of experience. I've been using Golang, VueJS, Java and Rails in my professional and private projects. I have some projects touching financial fields. I'm familiar with AWS and other cloud providers like Scaleway Hetzner, GCP and their services, I also love to use Docker containers and Hashi stack. I've already worked on very complex projects as well with Rails, Redis, AuroraDB, automatic laundry component drivers with C and Go integrations and big ERP/CRM with 100+ administrators. I love to use GitLab to build my pipelines!

EMPLOYMENT HISTORY

- Sep 2018 - Present Senior Software Engineer (Bold360AI product) LogMeIn Kft. - Genesys Cloud Services Hungary Kft.
- Jul 2018 - Sep 2018 Senior Software Developer (Ruby Team) Dealogic Hungary Kft.
- Dec 2017 - Jul 2018 System Architect / Full Stack Software Developer Sikoba Ltd.
- Jun 2015 - Dec 2017 Senior Software Developer / Consultant Konstruktor Online Kft.
- Jun 2015 - Dec 2017 Full Stack Software Developer / Tech lead proFX DevLab Kft
- Dec 2008 - Aug 2017 Software Engineer (CEO) Videoemail 2008 Kft

EDUCATION

- 2000 - 2006 Technical University of Budapest (BME)
- 1995 - 2000 Vajda János High School Keszthely Special Math Class

SKILLS

AWS Solution Architect Associate (w/ cert)
Golang, Java, Ruby on Rails, Javascript, VueJS, ReactJS, Consensus protocols, MySQL, MongoDB, PostgreSQL, Agile, CockroachDB, GitLab Server(self hosted), Bitbucket, IntelliJ, JIRA, TDD, BDD, DDD, CI/CD pipeline, Docker, Lambda Fn., Serverless, DevOps tasks, Terraform, Consul, Nomad, k6, loadtesting, Grafana, Sonar, Coverity, S.O.L.I.D.

CONTACT



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ABOUT

date of birth: 15. Aug. 1981
nationality: Hungarian
gender: Male

HOBBY

Cars, Cards, Code
strategy games.

QUOTE

"I do not know everything, but I always found out the way I can learn what I needed to achieve my goals. This is a day by day learning curve and I love it. I really want to learn new technologies and work in a team, code more and more complex programs for our customers."

LINKS

facebook.com/humpokzoltan
linkedin.com/in/zoltan-humpok
udemy.com/user/zoltan-humpok

Projects

Some of the projects I worked on

WEBSITE ADMIN, CRM

From the ground up me and my team created a non-ActiveAdmin administrative site for the biggest student work company in Hungary with 15+ controllers, 5+ API interfaces with external services, XML generation for NAV, Elasticsearch for faster search in a 500 000+ user database. It also included a role based permission model for users.

TRADING ANALYSIS TOOL

Set up a cost efficient 3 node MongoDB replica set with an API to prevent any data loss. The databases run in docker containers on top of coreOS, the API is written using a fast Go http server, and the authentication is handled by JWT. Currently there are collections with 38million+ documents in it.

JCLEC FRAMEWORK SPEED UP

I have looked over JCLEC's well organised source code and figured out there are some points where it can be faster. I have corrected the code by splitting some functions into parallel threads. I also contacted Sebastián Ventura, Assoc. Professor at Dpt. Computing and Numerical Analysis in University of Cordoba about this and some other improvements.

WEB CRAWLER AND DATA MINING

The project owner Canadian company asked me to build up a small team of remote working people to collect, analyse and structure data for them. I programmed several Java based programs, with browser automation, downloaded lots of data, pictures and text from the specified sites. The server got a JavaEE web administration site, using GlassFish and MySQL. The application delivered zip packages of images for the team members to sort and analyse and then they could upload back the result. It was 3 years of continuous work, including the initial programming tasks, maintenance and operating the team.

BLOCKCHAIN FRAMEWORK

I have created a custom modular blockchain framework with high transaction rates for small consortium node networks and millions of clients.

JFOREX STRATEGY CONTEST

I have programmed my own ideas to trading strategies, about 5-8 per day. After testing them, and selecting the best I have entered it to the JForex contest. Two times good results in a big international competition, 108% and 38% profits using the strategies. I used the JForex API by Dukascopy Bank SA (<https://dukascopy.com/>)

SKILLS

Ruby on Rails, Elasticsearch, MySQL, JSON API, XML generation, Javascript

MongoDB, VueJS, Go, REST API

Java source code investigation, evolution computation

Java EE, SQL, FTP, Linux, Selenium

Golang, Crystal, LevelDB, Consensus protocols, Blockchain, Cryptography

Java SE, SQL, JFOREX, APIs, Linux