# JONS MOSTOVOJS

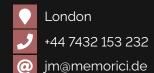## Software Architect

London
+44 7432 153 232
jm@memorici.de

memorici.de
@cognivore
@jonn

## JONS MOSTOVOJS

A functional programmer and a founder with a passion for simple and elegant solutions.

I have co-founded Serokell, one of the biggest functional programming consultancies and Doma, a product and service company which prizes itself with implementing scalable software systems.

I act as a technical advisor and a board member of these companies.

- Elixir, Team Builder, Founder
- Haskell, Erlang, BEAM, Nix
- CTO, Chief Architect
- Lean 4, Agda, React
- TypeScript, Ap. Cryptography
- Rust, Three.js, Proj. Manager
- SysEng, Product Owner
- Discrete Maths, Lin. Algebra

## EXPERIENCE

**2021 –**    **Co-Founder & Technical Advisor**     **Domatech OÜ**
Formal evaluation of modern functional tech stacks and supporting library design and implementation. Update and maintenance of FP-heavy `Witchcraft` libraries. Devops engineering with `Nix`.

**2015 –**    **Co-Founder & Technical Advisor**     **Serokell OÜ**
On a mission to make FP modus operandi in the industry, I have co-founded Serokell and helped it grow from a team of 5 to a team of 60. I have been involved in all aspects of the company's operations, from software development to hiring, from project management to technical advisory and customer acquisition.

**2022 – 2023**    **Senior Developer & Team Building Consultant**     **Lurk Lab (formerly: Yatima Inc.)**
Utilised a decade of experience in remote work to establish principal processes and performed team building. Implemented a WebAssembly runtime in `Lean 4`, which targets `Lurk`, a Turing-complete ZKP language and libraries necessary for it.

**2007 – 2014**    **Software Engineering & Team Leading**     **VeryPositive SIA, DSW SIA, Inbet, Bex.io, RedGage**
Highlights: `Visual FoxPro` rewrite to `C#` for banking software, enabling migration from `Node.js` to `Erlang`, implementation of BIPs and patching `pycoin`, implementing a system for distributed `Blender` rendering, early user of `React.js`, leading its industrial adoption.

## EDUCATION

**2008 –**    **Continued Education**     **Courses and Study Groups**
Systems Engineering, University of Bristol; Algorithms and Data Structures I and II, Stanford University (Certificates); Async Rust, Katharina Fey; FP 101X, Erik Mejer.

**1996 – 2008**    **Developmental Education High School**     **22nd School, Rīga, Latvia**
Studied calculus, management theory, methodology. Team work was a big component of the studies.

## LANGUAGES

**English** - fluent
**Latvian** - proficient
**Ukrainian** - rudimentary
**Croatian** - rudimentary

## HOBBIES

Reading papers on distributed systems and PLT, Behaviour- and neuro-sciences, Good music.

## NON PROFIT

Teaching (FER University, Math Summer school), Elixir User Group London (main organiser, venues)