Curriculum Vitae

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1 Experience

2020–2021 Lead Software Engineer (Scala 3, ZIO) at Playtech plc[1]

2017–2019 Lead Software Engineer (Scala, PureScript)

2014–2016 Senior Software Engineer (Scala, Akka)

2013–2013 Functional Programming Principles in Scala at EPFL[2]

2013–2014 Senior Software Engineer (Java)

2012–2013 Software Engineer (Java)

2010–2012 Full-Stack Web Engineer

2010–2011 English level B2 (CEFR) at FSCFL[3]

2006–2012 Applied mathematics (M.S.) at TSNUK[4]

2 Projects

2.1 Application Server

stack Scala, Akka Cluster, Akka Streams

Application server with streaming idea in its core. The integration layer for services providers which unifies the different APIs and respect the providers limitations guarding their services from unexpected usage. Unified services structure with akka-stream based IO layer and KVS distributed storage engine. Also plays as the service provider for itself to provide event streaming for sports betting and additional data store interfaces for the client application.

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[1] https://www.londonstockexchange.com/stock/PTEC/playtech-plc
[2] https://www.epfl.ch/en/
[3] https://fcourses.com.ua
[4] https://www.univ.kiev.ua/en/

2.2   Web Platform

stack   Scala, ZIO, Akka Cluster, PureScript

Developing and evolving Web Platform for licensees to create portals with player's account management, games hub, content-management system and integration with 3rd-party services and data providers.
It is deployed as one cluster for dozen of licensees with dozens websites. Data is stored into distributed KVS and UI is built with pure functional strongly typed language (PureScript) which produces robust and fail-safe UI. User files are handled by distributed filesystem and meta data is saved to KVS.

2.3   Key-Value Store

stack   Scala, Akka Cluster, ZIO, RocksDB

KVS is highly available distributed (AP) strong eventual consistent (SEC) and sequentially consistent storage.

code   github.com/zero-deps/kvs

2.4   Frontier

stack   Scala, ZIO

High performant, pure-functional, effect-free websocket, http and udp server, http client and telegram bot.

code   github.com/zero-deps/frontier

2.5   Umbrella

stack   Rust

Cross networks write data client.

code   github.com/flyingw/umbrella

2.6   Proto

stack   Scala 3 Macros, Protocol Buffers, PureScript, LaTeX

Lightweight and fast binary serialization.

code   github.com/zero-deps/proto

2.7 Metrics

stack   Scala, ZIO, PureScript

Metrics/health/logs server and client for Scala projects.

code   github.com/zero-deps/metrics

2.8 Docs

Stack   Scala, LaTeX, HeVeA

Documenting system and server for the applications with LaTeX-based tools for generating documentation in HTML and PDF formats.

3   Courses

- Function Programming[5]
- Application Security and Secure Coding Training[6]
- Blockchain and cryptocurrencies[7]

4   Certificates

- Computer Driving License[8]

5   Bookshelf

- Homotopy Type Theory
- Types and Programming Languages
- Basic Category Theory for Computer Scientists
- Type-Driven Development with Idris

Curriculum Vitae in HTML.

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[5] `https://nobodytells.me/cv/cert/fp.pdf`
[6] `https://nobodytells.me/cv/cert/sec.pdf`
[7] `https://nobodytells.me/cv/cert/crypto.pdf`
[8] `https://nobodytells.me/cv/cert/cdl.pdf`