

## Peter Kalambet

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## Summary

- Engineering management
- Technical leadership
- Distributed systems architecture
- Decentralized networks and platforms

## Work Experience

### May 2020 - current time

ChainSafe (<https://chainsafe.io>), *Head of Engineering for Products*

- **ChainSafe Products (ChainBridge, Gaming SDK, Files, Storage)**
  - *Activities:* Engineering Management, Mentoring, Architecture, Product Discovery
- ChainSafe (<https://chainsafe.io>), *System Engineer, Team Lead (till Sept 2021)*
- **ChainSafe Files and Storage**
  - *Activities:* Backend development tech lead, architect (Go, IPFS, FileCoin, k8s)

### September 2019 - March 2020

HASH CIB (Crypto Invest Bank), *CTO*

- **Company infrastructure building and management**
  - *Activities:* Building from the scratch whole IT infrastructure including investors portal and related integrations with Polkadot, TON and Ethereum protocols
- **Digital assets research reports**
  - *Activities:* Co-authoring investors reports about digital assets covering technical side of the technology in scope

### June 2017 - August 2019

QIWI Blockchain Technologies (QBT), *System Architect*

- **Permissionless blockchain** (Ethereum, Polkadot/Substrate, TON) and **Permissioned blockchain** (R3 Corda, Hyperledger Fabric, Masterchain) **networks** projects
  - *Activities:* software architecture/service development. QBT was research lab in the blockchain area for a local market focusing on financial institutions
- **Research activities and knowledge transfer**
  - *Activities:* technology white/yellow papers review, PoC implementation

### Mar 2017 - June 2017

IBM Russia (GBS Digital), *System Architect*

- **Hyperledger Fabric Blockchain pilots** - Hyperledger Fabric pilots and research for Sberbank (the biggest Russian bank)
  - *Activities:* architecture and software development

### Apr 2016 - Mar 2017

Self Employed (TechOps), *System Architect*

- **Architecture** and **team leadership**, services development of **several projects** - TechOps is an Engineering Division within one of the largest venture funds in New York & Los Angeles
  - *Activities*: Team Lead: architecture and development for several projects

### Jan 2012 – Apr 2016

IBM Science and Technology Centre (Cloud and Mobile Team), Software Engineer

- **Pivotal Cloud Foundry** – open source PaaS virtualization engine
  - *Activities*: contribution to the main Cloud Foundry (CF) branch and porting CF on POWER (project IBM Bluemix (IBM Cloud) on POWER)
- **Blockchain POC** for a decentralized notary service
  - *Activities*: architecture design and PoC implementation;
- **IBM Identity Mixer** – privacy-preserving authentication protocol
  - *Activities*: architecture and implementation: creating web-services, building a public demo, integration with Cloud Foundry (IBM Bluemix) as an experimental service in the public catalog
- **Wireless NFC-based mobile payment solution** – pilot project to create wireless card delivery and payment solutions
  - *Activities*: Android mobile development

### 2009 – 2015

IBM Science and Technology Centre (Rational Team), Software Engineer

- **Rational Software Architect (Real-time Edition) / Rational Rose** – Development of UML modeling tools for software design, modeling and code generation

### 2006 – 2009

Institute for System Programming Russian Academy of Science, Software Engineer

- **Telelogic Tau/DOORS/Synergy** – A set of UML modeling tools for software design, code generation, requirements management, and source control.

### 2001 – 2005

'Ampersand' LTD, *Software Developer*

- **Ampersand MultiChrome / miniLIMS** – Chromatography automation software

## Education

### 2006 – 2009

**Institute for System Programming Russian Academy of Science**  
Postgraduate

### 1999 – 2006

**Lomonosov Moscow State University (MSU)**

M.Sc., Faculty of Computational Mathematics and Cybernetics, System Programming Department