

ULDIS STURMS

Senior Software Engineer - 12+ years of experience

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📍 London, UK

EXPERIENCE

Senior Software Engineer & Team Lead (Contract) **Tody Ltd**

📅 Apr2016 - Feb 2020

BCG DV Intellectual Property Marketplace

Fidelity International Global Chatbot

SapientRazorfish Open Banking API

Barclays Database as a Service (DBaaS)

Digiterre Global fixed income primary issuance

- JavaScript/TypeScript - backend services (AWS Lambda, Express.js) / SPAs (React.js, GraphQL, REST)
- Node.js, Python - REST & GraphQL APIs, Linux services & cron jobs
- AWS Aurora, DynamoDB, S3 - ACID, BASE and static data
- Serverless, Terraform, Chef, CircleCI, Jenkins - CI/CD, configuration management
- Neo4j - recommendations engine
- Google Cloud Platform (GCP) - Dialogflow, projects, IAM
- SVG - interactive chatbot conversation flowchart designer (React)
- Pact, cdc - Consumer Driven Contracts
- Jest, Ava, Mocha, Cypress - testing
- AWS CW, ELK, Prometheus - monitoring & metrics
- AWS KMS, CyberArk, PowerBroker, GPG - security
- Elasticsearch - full-text search
- HTML, CSS, CSS Modules, styled components - SPAs
- Contentful - Headless CMS
- Service design, implementation and productionisation
- Code reviews, mentoring, coding problem solving, lead a team of 10

Senior Software Developer **Markel International**

📅 Sep 2014 – Apr 2016

- REST API / AngularJS - Developed a platform for creating and adjusting existing insurance products (Data-Driven Design)
- Introduced metrics (StatsD) and A/B testing
- Go - API orchestration and status monitoring

Software Developer **7digital**

📅 Jun 2013 – Sep 2014

- Maintained, extended and scaled HQ music content ingestion & consumption
- GlusterFS, NGINX, Lua - On-demand download (up to 1 GB in size) and streaming of music
- Fastly - CDN for single digit millisecond TTFB (multi-region deployment)
- Memcached - Caching of track & user locker, subscription queries
- SqlServer - Online Transactional Processing of 4 mil new rows per day with a total DB size of 4 TB
- RabbitMQ - Loosely coupled architecture

Software Developer **Mebius IT, Rix Technologies, DPA, Scope Technologies**

📅 Jul 2007 – Jun 2013

SKILLS

Languages

JavaScript TypeScript Python
Bash Haskell Go Ruby R
Java C# C++ Lua HTML
CSS

Paradigms

TDD CI/CD Serverless Queues
Caching SQL NoSQL REST
GraphQL ML BigData
Headless CMS

Frameworks/Libraries

Serverless SAM Jest Cypress
Hadoop React

Tools

Vim Terminal Git Yarn Docker

Platforms

AWS GCP MacOS Linux

Storage

Amazon Aurora DynamoDB S3
Neo4j MySQL SqlServer Oracle

CERTIFICATIONS

AWS Certified Solutions Architect - Associate
AWS Certified Security - Specialty
AWS Certified Big Data - Specialty
AWS Advanced Networking - Specialty

EDUCATION

M.Sc. in Computer Science

University of Latvia

📅 Sept 2009 – June 2012

B.Sc. in Computer Science

Riga Technical University

📅 Sept 2005 – June 2008