

# ULDIS STURMS

Senior Software Engineer - 12+ years of experience

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📍 London, UK

## EXPERIENCE

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

📅 Apr 2016 - 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, CircleCI, Jenkins - CI/CD
- 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