

ANTON SVIRIDOV

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INTRO

Polyglot developer, but most recently my career revolved around JVM development, in particular working on high load systems using functional Scala. My professional philosophy revolves around incremental changes, testability, simplicity, observability, and data-oriented approach to decision making.

My engineering interests vary from frontend development to systems programming. I'm an open source contributor and maintainer, working on build tooling, testing framework, various code generators, purely functional Scala ecosystem, etc. My various experiments and adventures are also covered in my blog posts.

EXPERIENCE

Sourcegraph

April 2023 - present

Staff Engineer: Developer Tooling, Backend

Remote from London, United Kingdom

- Maintaining and developing language analysis tooling for JVM languages – compiler plugins, build tool integrations, etc.
- Designing evaluation pipelines and algorithms for language analysis
- Writing backend services in Go and Postgres

Fintech client

June 2022 - February 2023

Senior Scala Consultant: Developer Tooling, Backend

London, United Kingdom

- Accelerating migration to modern build tooling – planning migrations, writing automatic migration scripts, Github PR management tools, etc.
- Providing feedback and implementing improvements to development process and developer experience – in particular improving code reviews
- Delivering critical and time-sensitive product features
- Mentoring developers at the start of their career – improving their knowledge of tooling, approach to code reviews, long-term thinking, efficient communication, etc.

Disney Streaming Services

October 2017 - February 2022

Tech Lead → Staff Engineer: Backend, high load

London, United Kingdom

- Design, development and maintenance of user facing services for Disney+ authentication
- Authoring and running an org-wide Functional Scala course – aimed at introducing Java/Python developers to functional Scala and upskilling existing Scala developers
- Creating internal best practices and build automation tools to uphold them – build plugins, Github management tools, cloud infrastructure registries, etc.
- Driving improvements and upgrades across entire code delivery pipeline – speeding up E2E testing, introducing remote build caches, profiling and speeding compilation of large projects, creating tooling for GraphQL API evolution, etc.
- Delivering internal brown bag sessions on topics ranging from frontend development to C ABI and codegeneration

- Developing and maintaining company's open source projects – e.g. testing framework, codegenerator

Idio

September 2014 - September 2017

R&D Engineer: NLP, Data Science

London, United Kingdom

- Developing and designing Wikipedia-scale data extraction and manipulation tools using Python, Scala and Spark
- Supporting and creating services and APIs written in Python (Flask)
- Architecting and implementing tools and frameworks for Entity Linking in Scala with Spark and Akka
- Leading the project transitioning a core business Java service into a more modern Scala stack, with particular focus on speed, maintainability, and simplifying future changes to the main algorithm

Undev

February 2013 - September 2013

Ruby & Ruby On Rails Developer: Backend

Moscow, Russia

- Developing REST services using Grape, Sinatra and Rails frameworks

NetCracker

July 2011 - November 2012

Software developer

Moscow, Russia

- Developing applications in Java EE & Oracle PL/SQL for supporting telecom operations
- Stress volume testing and performance analysis of Java EE applications

Freelancer

2006 - 2008

PHP & MySQL developer

Kazakhstan

- Developing various web-applications, such as photo galleries and online catalogs

SKILLS

Computer Languages	Scala, R, casual user of many others (e.g. Java, Python, JavaScript etc.)
Databases	DynamoDB, various RDBMS
Tools	Git, Linux command line, Docker, JVM
Cloud	AWS (Lambda, Kinesis, DynamoDB etc.)
Languages	English (fluent), Russian (native)

EDUCATION

Lomonosov Moscow State University

September 2008 – June 2013

BSc in Computational Mathematics and Cybernetics

Overall GPA: 4.739/5

Specialisation: programming languages, machine learning and information retrieval.

Queen Mary Univeristy of London

September 2013 – September 2014

MSc in Computer Science

Specialisation: machine learning and neural networks