



# SVILEN IVANOV

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## SUMMARY

Multidisciplinary software engineer, passionate about everything that involves 1's and 0's.

In-depth knowledge of algorithms and data structures. Object-oriented and functional design. Agile and test-driven development. Continuous integration. Automation. Cloud and bare-metal. Security and performance consciousness. Scaling services to millions of transactions.

## EXPERIENCE

**Kubit.ai** <https://kubit.ai> Oct 2021 – Present  
*Fullstack Software Architect* San Francisco - Remote

Kubit is a warehouse-native product analytics platform that empowers teams with self-service, no-code insights directly from their cloud data warehouse, eliminating the need for complex ETL pipelines.

Key involvement in:

- Modernizing the Kotlin/Spring stack to improve performance and maintainability.
- Building complex SQL queries to power new analytical reports and insights.
- Leading the web team, performing code reviews, and hosting weekly knowledge-sharing meetings.
- Migrating the frontend from Create React App to Vite and integrating developer tools.
- Gradually adding TypeScript to the entire codebase.
- Optimizing frontend performance and significantly reducing memory usage.
- Implementing a design system and modernizing project dependencies.

**Tech Stack:** Kotlin, Spring, MySQL, Redis, TypeScript, React, Redux, GraphQL, Vite



**Hyperscience** <https://hyperscience.com> Dec 2020 – Feb 2021  
*Staff Software Engineer* Sofia, Bulgaria

Hyperscience attracted me with their state-of-the-art ML platform for document processing. It allowed me to shift gears and explore a different kind of product and techstack (Django / Python).

**Tech Stack:** Python, Django, React



**Smule, Inc** <https://smule.com> May 2012 – Dec 2020  
*Software Architect* San Francisco - Remote

## TECHNICAL SKILLS

### Languages

Kotlin   Typescript  
Javascript   Java   Ruby  
Python   Scala

### JVM Ecosystem

Gradle   Guice   Dagger  
sbt   Kotlin Coroutines

### Server Frameworks

Spring   Ktor  
Play (Java / Scala)  
Django   Ruby on Rails

### Persistence

MySQL   Redis  
Postgres   ElasticSearch  
Snowflake   BigQuery  
Vertica   Kafka

### Frontend

React   Vite   GraphQL  
Angular

### Infrastructure

Ansible   Docker  
Terraform   Jenkins

## EDUCATION

### Technical University

1997 – 2002  
Sofia, Bulgaria  
Master's degree in information technologies

Joined the music startup to scale web and backend services from initial proof of concept to 50M monthly active users. Played a pivotal role in architecture, payments, and analytics while working fully remotely.

Key involvement in:

- Transitioned server-side stack from Ruby on Rails to Java/Play framework, significantly improving performance and cost efficiency.
- Architected and implemented critical systems including an in-house CRM, analytics platform, and automated royalty fee calculations.
- Implemented direct B2C subscription and payment processing (credit cards, SMS) and rebuilt the in-app consumables storefront.
- Led the web team through multiple website iterations and optimized Java build/test environments (Docker, sbt).
- Mentored engineers and served as a primary point of contact for debugging complex production issues.

**Tech Stack:** Java, Play, MySQL, Redis, ElasticSearch, Kafka, Ruby on Rails, AngularJS



**Sirma Solutions** <https://sirma.com> 2006 – 2012  
*Project Lead / Senior Java Engineer* Sofia, Bulgaria

Advanced from Junior Java Engineer to Project Lead, managing the development of the *RecoveryPlanner* SaaS platform.

Led the team to build a highly available, globally distributed business continuity system, overseeing architecture, security, and deployment.

**Tech Stack:** Java, Java Server Faces, MySQL, Tomcat



**Netclime, Inc.** 2001 – 2006  
*Senior Web Applications Developer* Sofia, Bulgaria

Played a key role in developing the CA AppLogic Grid Operating System UI and expanding the company's web capabilities. Mastered and implemented early AJAX paradigms and dynamic frontend technologies to enhance user experience.



**Otel.net** 1998 – 2001  
*Software Developer* Sofia, Bulgaria

Developed and maintained ISP management software, including billing systems, customer support tools, and network monitoring solutions.

## PRESENTATIONS AND TEACHING

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### Svilen Talks About Programming

*Youtube Channel* 2021  
Educational (in Bulgarian)  
[https://youtu.be/\\_guMZQ QzkUE](https://youtu.be/_guMZQ QzkUE)

### Service Reliability Engineering - Failures are Always an Option

*Sofia, Bulgaria* 2018  
HackConf (in English)  
<https://www.youtube.com/watch?v=Xh6g0aXYLzg>

### What can you do with Redis?

*Varna, Bulgaria* 2013  
VarnaConf conference  
<https://www.youtube.com/watch?v=S6h38jvQOSU>

### Software development with EJB3

*Rousse, Bulgaria* 2009 – 2012  
Teaching master course at Technical University "Angel Kunchev"

### Ruthless testing with Selenium

*Sofia, Bulgaria* 2007  
OpenFest 2007 conference  
<https://www.youtube.com/watch?v=Qs5sJB9IvrM>

## OTHER SKILLS

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- Fluent in English
- Attention to detail
- Always eager to learn and to share knowledge
- "Smart and Gets things done" attitude



## ENDORSEMENTS

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*Svilen is the best engineer I had the honor and pleasure working with in my career. He is super dependable and talented to get projects done at highest quality. Super proactive, you never need to remind him of anything. Svilen has excellent expertise in web and server fields. He is truly a 10x engineer!*

— Alex Li, Founder / CEO at Kubit, ex-Smule CEO

February 5, 2019

Alex managed Svilen directly at Smule, Inc and Kubit AI

*Svilen sets an example of a highly productive engineer, working remotely, and I didn't run into anyone else who combines such deep knowledge, collaboration, follow through, and impacts. Svilen worked in multiple teams when the needs came and also helped build new teams. Absolute treasure to have Svilen on the team, and highly recommend him to anyone who aims at engineering efficiency at either individual or team level.*

— Alan Shang, SVP of Engineering at ELSA, Corp, ex-Smule SVP of Engineering

April 24, 2020

Alan managed Svilen directly at Smule, Inc

*In our nearly five years of working together, Svilen impressed me again and again. We worked on other sides of the planet, but Svilen made it feel like we were in the same office – he communicates clearly, solves complex problems creatively, and follows through. He routinely demonstrates strong commitment and team leadership while simultaneously making space for and mentoring more junior members of the team. Svilen was a pleasure to work with, and I'd recommend him to anyone – near or far!*

— Dean Schaffer, Product Manager at YouTube

March 13, 2020

Svilen worked with Dean in the same group at Smule

*I worked with Svilen in 2005-2007. I was a team lead of a new team of 6 in Sirma Solutions and Svilen was part of that team. He quickly became the one that was assigned the most technically challenging tasks. He was very well respected by the rest of the team because of his cheerful and get-things-done attitude.*

*Svilen possesses excellent technical skills and knowledge - and enjoys learning. He pays great attention to details, quality and value. Svilen communicates very well. He is a great team player - solid in difficult situations and a good mentor for the less experienced.*

*I would gladly work with him again. I believe that any company in the IT industry would be very lucky to have him on board.*

— Jana Parvanova, Director Of Engineering at Taulia

March 6, 2020

Jana managed Svilen directly at Sirma