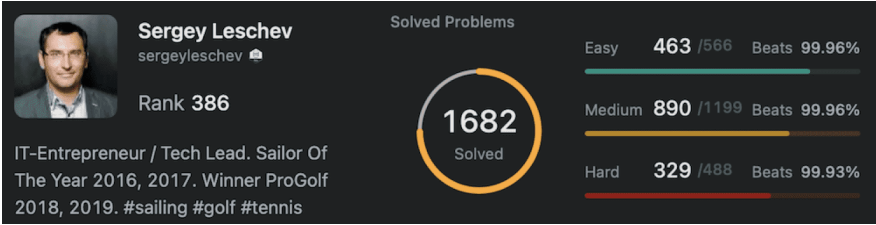# Sergey Leschev, Tech Lead

Swift | TypeScript | System Architect

🏆 Awards

Ranking #Dev: Global TOP 300 (Certificate)

Languages: Swift, TypeScript, Shell, Database (T-SQL, PL/SQL, MySQL).

Algorithms: linked lists, binary search, hash table, queue/stack, dfs/bfs, sort, heap/hash, two pointers, sliding window, tree, greedy problems etc.

🚀 Developer Roadmap

- S.Leschev iOS Developer Roadmap.
- S.Leschev FullStack Developer Roadmap.
- S.Leschev System Architect Roadmap.

💻 Technologies

Tech Stack

Swift [4, 5+, UIKit, Autolayout, UIKitPlus, GCD/Operations/Concurrency 5.5+, Alamofire, ObjectMapper, SwiftLint, SwiftGen, FP, pre/after-main opt], SwiftUI [iOS, watchOS, Widgets, App Clips], Apple TV/AirPlay [Composition, Secondary Display], Realm, Lottie, JWT, CryptoSwift, REST, Firebase, Java [7-8], PWA, Angular [2-6+], Ionic Framework [3-5+], React Native [Redux, MobX], JavaScript, React [Next.JS; Redux, Redux Tookit +Slice/Immer, Prime React], Node.js [10x Express/SQL;14x NestJS 6;7+/TypeORM], TypeScript (+ESLint, Jest), C#, .Net Core [1-3+], MS SQL [2016+], SQL, Objective-C, MongoDB [3.6, 4.4, Config, Replication, Sharding], RabbitMQ, GraphQL [Schemas; Resolver; Request; Validation; Queries&Mutations; Apollo; Reactive], Apache Kafka, Mockapi, Mac Os, iOS [10;12;13;14+], Android, OneSignal, Localization (Phrase/json/i18next), Zeplin, Figma, Sketch.

Analytics

Tableau, Amplitude [SDK], AppsFlyer [SDK 5, 6+, Raw Data, Data Locker, Protect360, web-2-app, People-Based Attribution (PBA), Conversion Path, OneLink], Facebook for Business [SDK, Graph, Conversions Api, Pixel, Reports], Snapchat, TikTok, Google Tag Manager (GTM), Google Analytics [GA4;UA], Apple SKAd (+PCM), Qlik, Yandex, Hotjar, SplitMetrics, Apphud, Appfollow, A/B testing, Airflow, Airbyte, Qonversion.

Infra/DevOps

CI/CD tools [XCode Cloud, Github Actions/DO, Jenkins, Codemagic, Gitlab, AWS CodeBuild], Git [+Flow], Chromium + Transporter, Instana, Freshworks, Docker [+compose], Twilio, Zapier, Linux [+ssh, iptables, Ubuntu 16/18/20+, snap/apt/npm/yarn/brew], Amazon Web Services (AWS), Digital Ocean (DO), GRE, IPSEC, VPN, Cloudflare [DNS, CDN, SSL, Guard, Rules], Crashlytics, Grafana, Sentry, RayGun, Nginx, Let's Encrypt [SSL], Win Server [+PowerShell], IIS, Pingdom, UptimeRobot, Apache JMeter, PAW, Postman, Charles Proxy, Indigo Browser, Published Apps [Apple AppStore, Google Play, Amazon Appstore, Huawei AppGallery, Galaxy Store, Snapcraft].

Payment Providers

Apple StoreKit [+Retention, Sales Reports], Stripe [nest-SDK, node-SDK, Sigma SQL Financial Reports], PayPal [SDK], high-risk processing providers [Solid Payments, Recurly, SolidGate, Braintree], CloudPayments, DCB (fortumo), Paymentwall, SafeChange.

DeFi

Solidity (Consensys, Alchemy), Metamask, SafePal, Launchpad, PancakeSwap (BNB), Uniswap (ETH), Dextools/PooCoin, Gas/gwei Optimization, Front-Runner Bots, Slippage Optimization, CEX/DEX, Binance Smart Chain (BNB), Ethereum (ETH), Polygon (Matic), Tokens List [Coinmarketcap;CoinGecko].

Auth Providers

Apple ID, Google, Facebook (Meta), Fitbit.

Support Services

Intercom, Hiver, ChargeBee, HelpShift, HelpCrunch, Freshchat.

Reports

P&L, CF, Key metrics, Unit-economics [AARRR, RARRA], Cohort analysis.

PM Stack

Agile [Scrum, Kanban, +V&E +MoSCoW +ICE +RICE, PRINCE2], Driven Development [TDD, BDD/QUICK, DDD, FDD], ISTBQ, Clickup, Jira, Confluence, Notion, Asana, Team Foundation (TFS), Miro, diagrams.net/ERD, Microsoft Project, OmniPlan, UML [IBM Rational Rose, Visio].

Project Guidelines

A set of best practices in my projects.

- ☑ Git
- ☑ Documentation
- ☑ Environments
- ☑ Dependencies
- ☑ Tesing
- ☑ Structure and Naming
- ☑ Code Style
- ☑ Logging
- ☑ API

🏫 Education

Belarusian State University

2004 – 2009

Faculty of Applied Mathematics & Informatics.

Computer science / Mathematician-system programmer.

🏆 Awards

Golden Award for the Year of the Tiger Challenge

Algorithmic skills: Dynamic programming, Greedy algorithms, Catepillar method, Binary search algorithm, Fibonacci numbers, Euclidean algorithm, Sieve of Eratosthenes, Prime and composite numbers, Maximum slice problem, Stack and Queues, Sorting, Time Complexity, Arrays, Prefix Sums, Leader, etc.

Contest: Algorithms, SQL, Data Structures, Bitwise operations (bit-ops), Frontend.

Licenses & certifications

- 🏆 LeetCode Global TOP 300 (Swift: Certificate, Sources: Swift, Sources: TypeScript).
- 🏆 Golden Award for the Year of the Tiger Challenge (Swift: Certificate, Sources: Swift).
- 🏆 Golden Award Muad'Dib's Challenge (Swift: Certificate, Sources: Swift).
- Health & Fitness iOS App / Fitness Motivation / AppStore (Website: motivations.coach, Sources: SwiftUI) @ S. Leschev.
- Utility MacOS App / Calc-It / Core / AppStore (Sources: Swift) @ S. Leschev.
- Facebook Blueprint, Snap Inc, Bytedance, AppsFlyer (Marketing SDK), Google Analytics (SDK, GA4, UA).
- Internet Initiatives Development Fund (IIDF / Economics).
- Stanford University (Swift: UIKit, SwiftUI).
- Coursera (Swift): Best Practices For iOS User Interface Design, Networking And Security in iOS Applications.
- Zdes i Sejchas Consulting Group (Professional Management Skills, Agile Methodologies).
- LinkedIn Skill Asessment (Mobile): Swift (Programming Language), Object-Oriented Programming (OOP), Objective-C, C++, Ionic, JSON, XML, Android, Kotlin, Maven, Java, REST APIs.
- LinkedIn Skill Asessment (Front-End): Front-end Development, Angular, React, Javascript, HTML, CSS, jQuery.
- LinkedIn Skill Asessment (Back-End): Node.js, Java, Spring Framework, Scala, C#, .NET Framework, Unity, Python (Programming Language), Django, PHP, C (Programming Language).
- LinkedIn Skill Asessment (Databases): MongoDB, NoSQL, Transact-SQL (T-SQL), MySQL.
- LinkedIn Skill Asessment (Infra/DevOps): Bash, Git, Amazon Web Services (AWS), AWS Lambda, Google Cloud Platform (GCP), Microsoft Azure, Hadoop, IT Operations.
- LinkedIn Skill Asessment (AI): Machine Learning, MATLAB, Python AI, R (Programming Language).

🏆 Awards

Golden Award Muad'Dib's Challenge

CODILITY AWARD

Codility confirms that a person who identified to us on-line as:

Sergey Leschev

was awarded
Codility Golden Award for the Muad'Dib's Challenge

This is the **31st** Codility Golden Award granted this month.

Review detailed assessment

AWARD TYPE:	Codility Golden Award (Muad'Dib's)
EXPIRATION DATE:	2025-04-02 17:00:00 GMT
CHALLENGE POSTED:	2022-04-02 17:00:00 GMT
CHALLENGE SOLVED:	2022-04-03 07:31:31 GMT
TIME SINCE POSTED:	15 hours ago
ASSESSMENT:	correct functionality and scalability

Codility_

Algorithmic skills: Dynamic programming, Greedy algorithms, Binary search, Stack and Queues, Sorting, Time Complexity.

Contest: Algorithms, Data Structures.

Languages: Swift.

Contacts

I have a clear focus on time-to-market and don't prioritize technical debt.

🛩️ #startups #management #cto #swift #typescript #database

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🖨️ PDF: Download

ALT: SIARHEI LIASHCHOU