# Andrei Chernoprudov

Portfolio: achernoprudov.github.com
Github: github.com/achernoprudov

Email: dinloq@gmail.com
Mobile: +971-58-937-1847

## SKILLS

- **Languages**: Dart, Swift, Kotlin, Java, Objective-C, Python, SQL
- **Frameworks**: Flutter, UIKit, SwiftUI, SnapKit, Texture, CoreData, Android, Dagger, Room, Spring, Rx/Combine
- **Tools**: Fastlane, Git, PostgreSQL, SQLite, Firebase, Sentry, Mixpanel, Jira
- **Platforms**: iOS, Android, Linux, Web, Jenkins, Azure DevOps, Bitrise, Travis, Github Actions
- **Soft Skills**: Leadership, Product/Project Management, Writing, Public Speaking

## EXPERIENCE

- **Wio Bank PJSC** — Abu Dhabi, UAE
  *Mobile Tech Lead* — *2021 - Present*
    - **Application**: Coordinated implementation of Wio bank apps with 150k Installations
    - **Management**: Led 7 cross functional teams with 10 Flutter engineers. Managed development of mobile/web banking apps with 25k users
    - **Processes**: Introduce stable release cadence across all teams for 2 week release cycle. Initiated Architecture Decision Records process for knowledge transfer
    - **Products platform**: Implementation of tooling for mono repository in Dart and Azure for increasing products stability by 40%. Introduced many core packages for products as tooling, feature toggling, analytics, performance monitoring
    - **Quality improvements**: Increased crash free users from 70% to 99%. Implementation of the advanced security requirements for banking apps

- **FaceOut** — Remote
  *Lead Software Engineer* — *2020 - 2021*
    - **Application**: CPU intensive social app with CoreML & CoreData advanced usage. 3k MAU
    - **System design**: Designed system and app architecture. Refactored code to Clean & Redux approach. Proposed API scheme and implementation in Python
    - **CI & CD**: Created CI/CD in GitHub Actions. Guided code culture with tooling: lint, formatting, code review
    - **Performance**: Refactored app into modules hierarchy and reduced total build type by 40%. Defined custom Xcode Instruments for performance analyzing

- **Skybonds** — Remote
  *Mobile Team Lead* — *2020 - 2020*
    - **Application**: Restructured 3 iPhone apps, one iPad, and one Android app for investments
    - **Management**: Organised workflow and release management. Led team of 3 developers
    - **CI & CD**: Automated developers' routine via Bitrise CI by saving 1 hour per day on repetitive tasks
    - **Performance**: Leveraged expertise in performance analysis to identify bottlenecks and establish a high-performing test environment, resulting in exceptional product stability and a remarkable increase in CFU from 58% to 99%

- **Naumen** — Yekaterinburg, Russia
  *Mobile Team Lead* — *2013 - 2020*
    - **Application**: Built native iOS and Android app with low-level integration: Backend driven UI, CoreAudio, CoreData, Offline mode, Room, LiveData, Camera API and other. MAU 30k
    - **Management**: Led team of 5 native developers. Organized onboarding process for interns
    - **Performance**: Discovered and eliminated performance bottlenecks. Arranged test environment that solved most critical product stability issues
  
  Software Engineer
    - **Research and development**: Designed mobile REST API & apps prototypes. Created Backend driven UI for mobile apps
    - **Cluster**: Developed cluster environment for a monolith web app that allows scaling web app performance
    - **Performance**: Managed web app optimizations that improved performance by 20%. Boosted cluster stability by quorum implementation by 2 times

## OTHER PROJECTS

- **JUG.EKB - Speaker & Host**: Java developers community in Yekaterinburg with 100-150 attendees
- **Hi Fitness - Mobile app for training**: Pet project iOS and Android workout journal app. Installs 56k, 1k MAU
- **SwiftDI**: Open-source dependency injection framework written in Swift. Memory optimized service locator
- **Taxaline**: Native mobile taxi application for Taxaline company
- **Modist - fashion marketplace**: (Unpublished) iOS Mobile app written in 3 weeks in SwiftUI & GraphQL API
- **InChange - social app**: (Unpublished) Native iOS & Android apps. Backendwas implemented in PlayFramework in Scala

## EDUCATION

- **Siberian State University of Telecommunications and Informatics** — Yekaterinburg, Russia
  *Specialist - Computer Science* — *2010 - 2015*