NEDIM FAKIĆ iOS Engineer

me@nedimfakic.com
Github | LinkedIn
nedimfakic.com

Experience

BICOM SYSTEMS

DEC 2019-PRESENT

Internship @ iOS Team and Networking Team

- Worked with team to develop internal network monitoring system, designed web dashboard, writing Go microservices that **reduced time and increased efficiency** gathering internal data by at least **95%**.
- Product owner for network monitoring system native iOS and Android app, designed and implemented all app features, implemented cross-platform notification delivery.
- Led development of ObjC iOS app that utilized PJSIP C library to establish calls trough PBX servers, app utilized CallKit to achieve simultaneous integration with iOS ecosystem.
- Built from ground up internal mock tool for smart testing companies Glocom messaging platform, app is able to mock tens of thousands message requests to stress test a platform, implemented end to end communication with a server trough advanced TCP socket custom built client.
- Had an extensive Networking training to write TCP/UDP servers & clients with advanced file sharing capabilities.

Projects | See all 20+ projects

TWEETLY | Download from the App Store

DEC 2020-PRESENT

iOS app to transform a boring looking tweet to astonishing masterpiece ready to be shared on all social platforms.
- Used UIKit and AVFoundation to create superior user experience to share generated media.
- Heavily consumed third party APIs and created custom layouts for each of Twitter supported layouts, established 0% quality loss for generated image and videos.
- Managed and maintained feature requests for over 1000s of users.

TRAVEL TRAVNIK AR | Download from the App Store | Source Code

OCT 2021-JUN 2022

iOS app to experience city of Travnik trough AR and assist tourists by smart routing new visit.
- App was purchased and promoted by the city of Travnik and generously been open-sourced.
- Utilized frameworks such as SwiftUI, UIKit, ARKit, CoreLocation and MapKit.
- Smart route tracing to enable tourists to experience city by calculating distance from nearest landmarks.
- App has turn-to-turn navigation capability which is integrated in an app custom interface.

BLAZING REPORT

SEP 2021- PRESENT

IN ACTIVE DEVELOPMENT

Self hosted & privacy focused mobile analytics platform.
- Built Go powered gRPC microservice architecture to gather & store analytical data.
- Built iOS SDK to communicate with gRPC server and implemented caching with SQLite.
- Built Web App in Vue to manifest customers dashboard with all gathered metrics and settings.
- Deployed on Ngnix VPS with full support for HTTP/2 connection and TLS.

Skills

Languages: Swift ,Kotlin, Java, Go, Javascript, Python,C++, Objective C, Bash,V.
Technologies: UIKit, SwiftUI, AVFoundation, SPM, RESTful APIs, JSON, Markdown, Figma, Sockets, WebSockets, Figma, Nginx, Linux, gRPC, MongoDB, Reverse engineering iOS apps (Objection, SSL Pining, Binary Patches, Traceroutes, Proxy and Frida).
Methodologies: Agile, CI/CD, semantic versioning.

Education

- **JU Druga gimnazija Zenica** (Informatics and Communcations). GPA: 100% (5.0/5.0) **SEP 2018- MAY 2022**

Honors & Awards

- Valedictorian (May, 2022).
- 2nd place on ITReboot, Travnik (Oct, 2021).
- "Best Product" at WhatTheHack 24h-hackathon (Jan, 2021).