

Hassan Shahbazi

Software Engineer

Talented passionate software developer with proven experiences in 'software engineering', 'design patterns', 'refactoring', 'SOLID principles', 'TDD', 'clean code', 'Dependency Injection', 'Git', 'RESTful', 'JSON', 'Socket', 'CI' and 'CD'. Expert in 'MVC and MVVM architectures', 'OOP', 'POP', and 'Reactive programming'. Proficient in cross-platform development for iOS, macOS, and Linux.



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🐙 github.com/hassan-shahbazi

WORK EXPERIENCE

Senior software developer - Backend Ninchat

09/2020 - Present
Ninchat.com

Helsinki, Finland

- Designing and developing a chatbot runtime using Go, Rust, Swift, and WebAssembly
- Contributing to Ninchat's backend, including new features and bug fixes

Contact : Ville Mijunen - ville@ninchat.com

Senior software developer - Mobile Ninchat

11/2019 - Present
Ninchat.com

Helsinki, Finland

- Maintenance of a legacy Objective-C SDK.
- Developing the new generation of SDK in Swift.
- Configuration of CI for Swift and Go projects.

iOS developer Alibaba Travels Co.

07/2018 - 08/2019

Alibaba.ir, #1 online website for flight tickets and tourism in Iran

Tehran, Iran

- Maintenance of a legacy Objective-C code.
- Refactoring from legacy Objc to a modern Swift syntax.
- Improving iOS convention rate from 3% to 5%.

Contact : Saeed Eskafi - saeid.s12@gmail.com

iOS developer Vancosys Data Security Inc.

09/2016 - 07/2018

Security implementations through Bluetooth Low Energy (BLE) technology for mobile devices.

Vancouver, Canada

- Developing FIDO 1.0, FIDO 2.0 (CTAP), CDF, and OTP algorithms.
- Releasing Vancokey G2 and G3 over the AppStore.
- Developing CBOR certified Swift library.

Contact : Bahram Piri - bahram.piri@gmail.com

VOLUNTEER EXPERIENCE

Linux Kernel Development Linux Foundation

02/2021 - Present

- Send patches for the Linux Kernel in my spare time

SKILLS

iOS/macOS Development

Software Modeling

Research and Development

Swift

Objective-c

Go

WebAssembly

Rust

C

WASI

Git

Realm

Coordinator

Unit/UI Tests

OpenSSL

Firebase/TestFlight

Swagger/Postman

Jenkins/Fastlane/GitHub Actions

EDUCATION

Master in Software Engineering Lappeenranta University of Technology (LUT)

08/2019 - Present

Lappeenranta, Finland

- GPA: 4.0/5.0

CERTIFICATES

LFD103: A Beginner's Guide to Linux Kernel Development (02/2021)

<https://bit.ly/3ryLi4a>

A complete Go course (2020)

Pluralsight.com

Python 3 basics (2019)

University of Michigan

Python Functions, Files, and Dictionaries (2019)

University of Michigan

Divide and Conquer, Sorting and Searching, and Randomized Algorithms (2019)

Stanford University

Neural Networks and Deep Learning (2018)

Stanford University

Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization (2018)

Stanford University

Cryptography I (2016)

Stanford University

INTERESTS

Open Source

Linux