Jan Ivkovič

Portfolio: https://ji-0.github.io | Github: https://github.com/JI-0 | Email: janivkovic11111@gmail.com

I am an innovative and detail-oriented full-stack software engineer focused on designing and implementing robust and scalable solutions, adept at problem-solving and collaborating. I enjoy learning new technologies and finding new better ways to implement and scale existing infrastructure. Please feel free to contact me at any time.

Skills:

Programming languages:

- Go/Golang
- Python
- Swift
- C/C++
- Dart
- TypeScript
- JavaScript
- HTML
- CSS
- Lua

Frameworks/systems:

- Astro/React
- Node.js
- Nginx/Apache
- Cypress
- Docker
- PostgreSQL
- MySQL
- MongoDB
- Ubuntu/Debian
- Godot

Languages:

- English (fluent)
- Slovene (fluent)
- Japanese (conversational)

Experience:

Cloud Base Games Ltd. (Full-stack engineer)
September, 2022 – December, 2023

- Building Portal Ninja – a mobile game – using Godot (open source game engine)
- Set up In-App Purchases, review request for both iOS and Android
- Integrated Firebase for Android to collect data for Google Analytics
- Created a custom made level builder from scratch https://ji-0.github.io/works/level_builder/
- Backend servers setup: user authentication, emailing, IAP receipt validation
- Set up a MongoDB replica set with an off-site rolling backup replica set member

Asistenca d. o. o. (Full-stack engineer)
April, 2019 – February, 2022

- Web development, process automation/streamlining and testing
- LAMP stack (Wordpress/php)
- API services with Node.js

Projects:

End to End Encrypted Messenger App (iOS)
April, 2023 ~

- Coding a symmetrically encrypted messenger (Swift) https://ji-0.github.io/posts/e2ee_messenger/
- Go backend server for authentication, live messaging, notification integration (push notification)
- Implemented message notification decryption using a NotificationServiceExtension
- Currently working on implementing calling using WebRTC and CallKit

Education:

Sophia University (上智大学)

March, 2024

- Business and Development studies at GPGS (Master's)
- Researched server cost optimization & WebRTC networking https://ji-0.github.io/posts/webrtc/
- Python and R (regression analysis) programming, PostgreSQL, Google Analytics

University of Ljubljana, SEB

November, 2021

- General purpose and SQL programming
- Graduated as top 10% of class