

HANNA KASAI

Software Engineer

CONTACT INFO

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San Francisco, CA

LINKS

[GitHub](#) [Dockerhub](#)
[LinkedIn](#)

LANGUAGES

- Ukrainian - native.
- English - fluent.
- Russian - fluent.

SKILLS

- C#, ASP .NET Web API / MVC.
- Dart, Flutter.
- ORM: Entity Framework, PetaPoco.
- SQL: MS SQL, Oracle.
- NoSQL: Redis, Azure Cosmos DB, Firebase Realtime Database.
- Messaging system: NServiceBus.
- REST, SOAP.
- CI/CD: Azure DevOps, Jenkins.
- Docker containers for Linux.
- GIT.
- Testing (NUnit, XUnit, NSubstitute, Moq, Selenium).
- Azure: App Service, Storage account, Container App, Functions, Cosmos DB.

EDUCATION

2018 - 2022 - B.S, 2022 - 2024 - M.S.
Taras Shevchenko National University
of Kyiv, Faculty of Computer science
and Cybernetics, Applied Math.

WORK EXPERIENCE

Itera - Back-End developer

Sep 2022 - May 2024

- Contributed to the payment system of an Icelandic bank.
- Implemented automated tests.
- Developed new services in C#, based on legacy C++ solutions.
- Coordinated a major performance improvement initiative.
- Managed documentation, translated business requirements into technical.
- Designed new services, endpoints, and database units.
- Demonstrated self-management and initiative.
- Effectively communicated with customers, and provided suggestions for improving new and existing solutions.

Banza - Full-stack developer

May 2021 - Apr 2022

- Collaborated with a team to customize a CRM according to customers' needs.
- Implemented full-code, low-code, and no-code solutions.
- Maintained direct communication with customers to ensure their requirements were met.

PROJECTS

[Unity publisher tool](#)

A single-user web app, based on ASP.NET Web API, which is a service for a unity asset store publisher. It is built using DDD software design approach and featured with packages like Hangfire, Hangfire for Redis, MailKit, HtmlAgilityPack, Autofac etc. The app is distributed across two servers: the web app, represented by the ASP.NET service hosted via Azure Web App, and Redis server, hosted via Azure Container App.

[Bloom effect photo editor](#)

A multi-user web application, based on ASP.NET MVC, designed to apply a bloom effect to an uploaded image. Uses Gaussian blur, Gaussian threshold, and image sampling as an optimization technique. Hosted via Azure Web App service.

[Dating app simulator](#)

A web application, based on Flutter, designed to simulate a dating app selection process. It's featured with Geolocation and Google Maps support, connected to a Firebase Realtime Database, and deployed with Firebase Hosting service.

[Spam filter app](#)

A desktop application, based on WPF, designed to recognize spam messages. Uses Naïve Bayes classifier. Training data is stored in an MS SQL database.