

Ihor Vasyliiev

Bulgaria, ihor.software@gmail.com

Links

<https://ihor-software.github.io/website>

Profile

I am a software engineer specializing in creating websites and mobile apps. For the past 8 years, I have been immersed in the world of software development, including 3 years of commercial experience. I am dedicated to delivering results and ensuring client satisfaction is my top priority.

Technology Stack

C# / .Net Core /ASP.NET, SQL, SQL Query, PostgreSQL, MSSQL, MySQL, Firebase, Git, C++, React, Angular, TypeScript, JavaScript, PHP, HTML, CSS, SCSS, Bootstrap, NodeJS, Express, NestJS, REST, Swagger, Redux, Tailwind, Storybook, Chromatic, RabbitMQ, JWT, Sequelize, Redis, Docker, Objective-C, Swift, SQLite, CoreData, Android, Unit Testing, UI Testing, Jest, Selenium, Test Automation, Logger, Big O, MVC, MVVM, VIPER, Python, Flask, ScikitLearn, Arduino, IoT, Big Data, Observer, Reactive Programming, Jenkins.

Employment history

Jul 2023 – Jan 2024

Company: Radency

Role: Full Stack Developer

Project: Health system for hospitals, patients and doctors. Developed from scratch.

Stack: NodeJS, Express/NestJS, REST, Swagger, TypeScript, React, Redux, Tailwind CSS, Storybook, Chromatic, RabbitMQ, JWT, PostgreSQL, Sequelize, Redis, Docker.

My contribution: system architecture design, authorization logic, custom UI components, realtime chat, AI assistant, documents scanner, code review.

Dec 2021 – Jul 2023

Company: Blackberry

Role: iOS Software Engineer

Project: Mobile application support.

Stack: Objective C, Swift, XCTest, Testflight, logger.

My contribution: authorization logic, test coverage, bug fixing, device debugging, code review, Objective-C to Swift migration, refactoring.

Jun 2021 – Dec 2021

Company: Epam

Role: iOS Software Developer

Project: Food ordering application.

Stack: Swift, Figma, Programmatic layout, API, Mocking, XCTest.

My contribution: login features, load products to menu, adding products to cart, profile information, address configuration, phone number confirmation, credit cards management, architecture design, UI elements, API calls, code optimization, lint setup, proceeding with bucket, menu page, code review.

Feb 2021 – Jun 2021

Company: Epam

Role: iOS developer

Project: Support iOS projects.

My contribution: SwiftUI lists, API based applications, notification center, advanced folder structure and persistent CoreData storage, quick fetch mechanisms, photo structuring and editing functionality, animations and mobile games, drawing, UI class adaptation for wide range screen resolutions, advanced search and filtering, code review.

Sep 2018 – Jul 2021

Company: Freelance work

Role: Web Developer

Project: Develop websites from scratch.

My contribution: Wordpress, Figma, HTML, JavaScript, TypeScript, Angular, React, PHP, pixel perfect design, CSS, Node.js, Bootstrap, MySQL, Firebase, Docker, Redis

Jan 2016 – Sep 2018

Company: Self-initiated projects

Role: Software developer

Project: Pet projects, Courses, Independent development.

My contribution: Pascal, Python, Java, Swift, Objective-C, HTML, JavaScript, programming olympiads, WeatherWear iOS Application, LinkCollector iOS Application, HitToMeet Web Application, WearPlan Web-Iot-Mobile system, FollowAction Web-Iot-Mobile system. CryptoWallet iOS Application, News iOS Application, Weather iOS Application, Caffe iOS Application.

Education

Sep 2022 – Jun 2024

School: Kharkiv National University of Radio Electronics

Field of study: Software Engineering

Degree: Master of Computer Science

Disciplines: Tests Coverage, Tests Automation, Computer Vision, Advanced Math, System Optimization, Graph Theory, and Scientific Research. Additionally, I delved into Business Management, Probability Theory, Philosophy, Function Optimization, and Algorithm Development. My coursework also included Big Data, Neural Networks, and Embedding AI Functions in Software. One significant aspect of my research focused on exploring anomaly detection methods in IoT data, which involved a comprehensive comparison of existing solutions for detecting anomalies in complex datasets, such as those generated by IoT sensors.

Sep 2018 – Jun 2022

School: Kharkiv National University of Radio Electronics

Field of study: Software Engineering

Degree: Bachelor of Computer Science

Disciplines: JS development & algorithmical thinking, discrete math, software development practises, .Net developing, .Net Core developing, Windows forms, advanced algorithms, architecture patterns, database management, building advanced sql queries, networking protocols, debugging and prototyping network, websites development, websites hosting, javascript frameworks(React, Angular), IoT, Mobile development(iOS, Android), High standard industry projects(including several user roles, complex database design, algorithms development, linking multiple platforms to work in one system: IoT smart device, mobile application, Desktop, Website application. All of those has access to internet and can be sold as a system for a tech company or to a chain of stores).

Sep 2016 – Jun 2018

School: Kharkiv Gymnasium №82

Degree: Complete secondary education

Sep 2007 – Jun 2016

School: Kharkiv Gymnasium №82

Degree: Basic secondary education