IHOR VASYLIEV

Software Engineer

Experienced iOS Engineer transitioning to a Fullstack Web Developer role, with a strong foundation in Swift, UIKit, CoreData, and a recent intensive Fullstack Web Development internship.

Experience with feature analysis.
Experience with estimations.
Always strive for the best quality.
Strong focus on building customer relations.
Bachelor grade in Software Engineering.

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SKILLS AND AWARDS:

Fullstack Web Development

- **Technologies:** Proficient in a wide range of web technologies, including NodeJS, Express/NestJS, RESTful APIs, Swagger, TypeScript, React, Redux, and PostgreSQL.

- **Frontend Development:** Skilled in HTML, CSS, and JavaScript (Typescript) for building responsive and user-friendly web interfaces.

- **Backend Development:** Strong experience in NodeJS and Express/NestJS for creating robust server-side applications.

- **Database Expertise:** Familiarity with SQL databases like PostgreSQL, NoSQL databases such as MongoDB and Redis, and ORM tools like TypeORM and Sequelize.

- **Containerization and Deployment:** Proficient in Docker for containerization and deploying applications.

- **Continuous Integration/Continuous Deployment (CI/CD):** Experience with GitHub Actions, Jenkins, GCP, and AWS for automating the deployment pipeline.

- **Code Quality:** Adherence to clean code practices, design patterns, and best development practices for maintainable and efficient code.

- **Testing:** Proficient in unit testing and API testing using tools such as Mocha and Chai.

- **Project Management:** Experience with project management tools like Trello and Jira for efficient task tracking and collaboration.

iOS Development

- **Languages and Frameworks:** Strong foundation in Swift, UIKit, and CoreData for iOS application development.

- **Apple Frameworks**: Proficiency in Apple frameworks, including Cocoa, UIKit, and iOS Local System Notifications.

- **Firebase Integration:** Experience in integrating Firebase for real-time database functionality.

- **Unit Testing:** Proficient in XCTest for unit testing iOS applications.

- **Dependency Management:** Utilized CocoaPods as a dependency manager for iOS projects.

Other Skills

- **Software Design and Architecture:** Proficient in software design notations like UML and experienced in various design patterns.

- **Reactive Programming:** Familiarity with reactive programming principles for managing asynchronous data flows.

- **Version Control:** Expertise in Git and git-flow for version control and collaboration.

- **Cloud Services:** Experience with GCP and AWS cloud services.

- **Network Technologies:** Proficiency in RESTful API integration and usage.

- **Objective-C:** Proficient in Objective-C for iOS application development.

- **Test Automation Tools:** Proficiency in Postman for API testing.

Agile and Project Management

- **Agile Methodologies:** Proficient in Agile software development methodologies, particularly SCRUM.

- **Project Management:** Experience with project management and defect tracking systems, including Jira.

EDUCATION

- **September 2018 - June 2022**
  Name of the Education Establishment: Kharkiv National University of Radioelectronics
  Faculty/College: Computer Science
  Degree (diploma): Bachelor
  Specialty: Software Engineering

EXPERIENCE

- **July 2023 – September 2023** React & Node.js Fullstack internship in Radency. Developed high quality complex health system for hospitals, patients and doctors. Technologies: NodeJS, Express/NestJS, REST, Swagger, TypeScript, React, Redux, Tailwind CSS, Storybook, Chromatic, RabbitMQ, JWT, PostgreSQL, Sequelize, Redis, Docker.

- **July 2022 - July 2023** Personal project Swift/SwiftUI LinkCollector Application. Used firebase, multithreading to provide best user experience in storing most valuable links safely.

- **October 2021 - July 2022** NDA. Several teams work in staff-augmentation mode reporting to several onshore customer managers.

- **May 2021 - September 2021** iEat - Food ordering and delivery application iEat application provides login features, loading products to menu, adding products to cart. Also it can setup profile info such as address, phone number, credit cards. After these steps it lets user to order food via application to the desired place.

- **May 2021** To-do List application. To-do List application is designed for storing tasks. It has ability to create and add item to the list. Also it can remove items that were created and reorder items in the list. This application was made as acquaintance with SwiftUI programming language.

- **April 2021 - May 2021** API based Weather application . Weather application consists of one main screen that has a TableView with weather information, temperature in celsius. Image of sun / cloud shows depending on weather status. Application works with api, so it has always an up-to-date information.

- **April 2021 - May 2021** Reminders application is designed to alert the user of important events that they have input to the program. It has a list of tasks with ability to add new one. You can create new task and set a time interval via calendar. When time is come notification pushes to device.

- **February 2021 - May 2021** Notes application represents a TableView+FetchedResultsController, which contains list of Folders. NavigationBar contains "+" button. This button lets you to create a folder. NavigationBar contains "Sort" button. It suggests to sort by Name or Creation Date. Each cell contains "Info"- button, which opens "Folder-Info" screen. This screen shows folder name, notes count, folder description, creation and modification dates. Tapping a folder shows a list of Notes, that are related to this folder. This screen has same "+" button, which allows you to create a Note. Note has content, creation date and name. Tapping specific note should opens screen, which allows you to edit this note.

- **March 2021** Photo application. This application is collection view based solution for viewing photos. There is some sections for structuring photos. Each section presents month. There is an option to select a photo. You need to tap 'select' button and mark desired photos with check marks. Also there is an option to view big sized photo on tap.

- **March 2021** Memory game The goal of the game is to find equal pair of cards and increase player's score. When you open a correct pair of cards, they move to the bottom of the screen, become smaller and display as a stack. When the game begins the timer turns on. Win condition is match all cards before time runs out.

- **March 2021** Drawing application represents a canvas that supports touch recognition. On finger dragging draws line over dragging path. On finger tap bold dot at tap coordinates appears. On curves there is a smooth turn without line breaking. On long finger press all drawing clears.

- **February 2021 - March 2021** Calculator application Calculator application repeats design of the original apple calculator. Modified with custom rounded buttons. Supports landscape mode and all iPhones screen sizes. In landscape mode new buttons appears.

CERTIFICATIONS

- **iOS EPAM Internship(August 2020 - 30th December 2021)**

- **Fullstack Radency Internship(27th July 2023 - 15th September 2023)**