Kanstantsin Bucha

TECHNICAL EXPERTISE

Programming Languages	Swift, ObjC, C++, C, Kotlin, SQL, XML, TypeScript, JavaScript, HTML
Operating Systems	MacOS, iOS, watchOS, Windows, Linux
Databases	CoreData, MySql, SQLite
Tools and Technologies	xCode, Instruments, Visual Studio Code, Klogg, Proxyman, Postman, Confluence, Jira, Teams, Skype, Slack, Figma, Adobe XD, UIKit, AppKit, WatchKit, CoreData, Keychain, Bluetooth, Background tasks, Rest API, Web Sockets, App extensions, System Extensions, Certificates, Core Image, Core Graphics, Natural Language, DropBox, Core Animation, PayPal API, Leaf readers, Esp32 IOT development, PlatformIO
Other	iOS design principles and interface guidelines, Test Driven Development, Agile development with release trains, Version control system: Git, CI: Jenkins, Azure Pipelines, Github

PROFESSIONAL EXPERIENCE

Coherent Solutions – Wroclaw, Poland

Project: Under NDA (September 2020 – September 2022)

Lead Software Developer

Product combines strong identity proofing, presence, biometrics, and behavioral markers in one continuous engine to deliver the most comprehensive passwordless solution. The system include iOS and Android clients, Mac and Win agents, Identity Server nodes, Platform server

- Leading iOS team, MacOS team
- Planning tasks for iOS and MacOS
- Update setup of projects in Developer Console
- Creating architecture for iOS, writing documentation in Confluence
- Working on requirements for cross platform interfaces
- Implementing custom transport protocol for iOS client
- Implementing User Stories and features,
- Mentoring Junior and Middle Developers
- Performing implementation of gathering and sending to server analytics data
- Performing code refactoring
- Performing code review
- Fixing bugs and optimizing performance using logs

Tools, Environment, Languages and Technologies: Swift, ObjC, C, Git, xCode, Instruments, Visual Studio Code, Klogg, Proxyman, Postman, Confluence, Jira, Teams, Skype, Slack, Figma, Adobe XD, UIKit, AppKit, CoreData, Keychain,Bluetooth, Background tasks, Rest API, Web Sockets, App extensions, System Extensions, Certificates, Azure Pipelines, Bitbucket Cloud, Leaf Readers,

RakutenViber – Minsk, Belarus

Project: Viber Media (September 2018 – September 2020)

Software Developer

Free and secure messages to anyone, anywhere. Global platform for messaging and calls.

- Worked as a part of iOS team
- Planned tasks for iOS
- Worked on requirements for cross platform features
- Integrated Advertisements platforms, implementing GDPR conformance
- Integrated telecom services (virtual number, etc)
- Implemented User Stories and features,
- Performed implementation of gathering and sending analytics data to server
- Optimized CoreData queries on high number of rows
- Performed code refactoring in mixed ObjC + Swift project
- Performed code review
- Fixed bugs and optimized performance using logs

Tools, Environment, Languages and Technologies: ObjC, Swift, C++, Git, xCode, Instruments, Klogg, Confluence, Jira, Viber, , Adobe XD, UIKit, AppKit, CoreData, Keychain, Bluetooth, Background tasks, Web Sockets, Jenkins CI, GitLab,

Freelance on Silicon Valley Customers, mostly
Qroma Photo – Lida, Belarus

Project: Qroma Scan, Qroma Tag (October 2015 – December 2018)

Software Developer

iPhone & Mac apps to help you Scan, Tag & Preserve your Photos.

- Implemented iOS and MacOS apps from scratch
- Implemented Camera and Image processing
- Integrated Linguistical voice parsing,
- Supported different feature set of Natural Language on different iOS versions
- Implemented DropBox support and iCloud core Data sync
- Implemented User Stories and features,
- Performed implementation of gathering and sending to server analytics data
- Optimized CoreData queries on high number of rows
- Performed code refactoring in ObjC
- Fixed bugs and optimized performance

Tools, Environment, Languages and Technologies: ObjC, C++, Git, xCode, Asana, Monday, Sketch, UIKit, AppKit, CoreData, Core Image, Core Graphics, Natural Language, DropBox, iCloud Core Data

**Barefoot Solutions (as remote developer) – Lida,
Belarus**

Project: Vizispect (May 2014 – October 2015)

Software Developer

Application for Home inspectors. Allows check the internal and external parts of the house and creates a handful report with images and recommendations.
 After we had finished the development, It was renamed several times. It looks like dead now. Last name is "Home Inspection"

- Implemented iPad app from scratch
- Implemented Camera and Image processing
- Implemented pdf report generating
- Implemented User Stories and features
- Performed code refactoring in mixed ObjC + Swift project
- Performed code review
- Fixed bugs and optimized performance using logs

Tools, Environment, Languages and Technologies: ObjC, Git, xCode, Asana, Sketch, UIKit, CoreData, Core Image, Core Graphics, Core Animation

R-Style Lab – Minsk, Belarus

Project: Several relatively small projects 2-3 month of development each (October 2013 – October 2014)

Software Developer

Developed several mobile applications for events like conferences, one mobile application for customer from USA who required the pixel perfect design (He sold tile photos for the walls, User could select images and saw how the tiles would look like on the wall, then made purchase using credit card or PayPal), one app – pilot assist for iPad, one stock market rating app

- Implemented iOS apps from scratch
- Implemented Camera and Image processing
- Supported same layout on different iOS versions (old style iOS 6 and modern iOS 7)
- Implemented PayPal integration using Rest API and XML
- Implemented User Stories and features,
- Performed fast redesign one code base for different conferences
- Performed code refactoring in ObjC for flight assist app, stock market app
- Fixed bugs

Tools, Environment, Languages and Technologies: ObjC, Git, xCode, UIKit, CoreData, Core Image, Core Graphics, Core Animation, PayPal API

EPAM Systems - Minsk, Belarus

Projects: Yandex Maps, Yandex Browser (April 2012 – October 2013)

Software Developer

A quick and safe browser with voice search. Protect your personal data when using public Wi-Fi networks and stay away from harmful or fraudulent pages – with the browser's active security system Protect.

- Custom UI elements for navigation bar for iPad (browser navigation)
- Improved state machine for navigation bar
- Implemented stories
- Fixed bugs

Tools, Environment, Languages and Technologies: ObjC, Git, xCode, UIKit, CoreData, Core Animation

EDUCATION

Bachelor's Degree
Faculty of Computers Systems and Networks
Belarusian State University of Informatics and Radio electronics