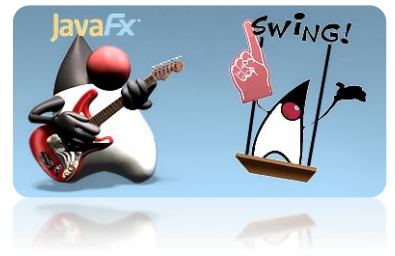# MAX SHOSTAK

JAVAFX / JAVA SWING DEVELOPER, UI DESIGNER

With over 18 years of commercial Java software development experience, I worked on dozens of projects creating **rich client and desktop applications**, their GUIs and business logic. In addition, I designed several websites, performed **usability, unit, functional and automated testing** of websites and desktop apps.

I do my best to write **effective Java code,** have comprehension in OO patterns and software best practices including information hiding, separation of concerns, reuse, etc. As a team player, I own quality oriented mindset and good taste.

SKILLS

1. Cross-platform Java rich-client and desktop applications that look good and work well.
2. GUI design, personas, usage scenarios, and UI prototypes. Usability and user experience testing.
3. Tools and technologies:
    - Kotlin, MVVM, MVP, Scene Builder, FXML, custom controls and themes.
    - AtlantaFX, ControlsFX, FontAwesomeFX, CalendarFX, TornadoFX, ScenicView, TilesFX, TestFX.
    - Java 2D, SwingX, JXLayer, Animated Transactions, JIDE, Synthetica, JGoodies (Binding, Looks, Forms, Validation, Animation), Swing Application Framework.
    - IntelliJ IDEA, NetBeans, SceneBuilder, JFormDesigner, Figma.
    - TestNG, TestFX, FEST, JUnit and HtmlUnit. JPA, H2 and Java DB.
    - Gradle, Ant, Maven, Git, GitHub Actions, Subversion, TeamCity, REST and JMX.
    - FindBugs, Cobertura and PMD (for code quality).
    - Lime LM, ProGuard, Allatori, Launch4j, NSIS and Advanced Installer.
    - GitHub Copilot, Gemini, JetBrains AI Assistant and other Generative AI tools.
4. Software architecture with UML, Structure 101 and MS Visio.
5. Websites development on pure HTML5, CSS3 and JavaScript.
6. Business of software and marketing; Google Analytics, AdWords, ClickTale.
7. Previous technologies: C++, MFC, Win32 API, Delphi, Turbo Pascal, WSDL.
8. Android native apps development. Published Windows 10 store app on C# and XAML.
9. Automated website testing with Selenium (WebDriver).
10. Embed development using Raspberry Pi, Pi4J, Linux, SSH, ML and AI, etc.

EMPLOYMENT HISTORY

2008 – 2024: as freelancer worked for nexRates, Upright-Music, Infoteria, Experitest, Avitech.aero, Bookmap.com, TextMagic.com, Scancafe.com, SoftwareDemo.de, PowerSayings.com, DnB.com, OptimizedAspects.com, Wakaleo.com, JiraUploader.com and etc.
2006 - 2007: Senior Java Developer at Luxoft, Java Developer at KCK and Aricent.
2002 - 2005: Engineer at National Space Center of Ukraine.

EDUCATION

In 2002 graduated Institute of Radio Electronics. Applied master's degree in computer systems, automatics and space technologies.

See screenshots and portfolio at javaswingdeveloper.com