Grigoriy Ledenyov

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PROFESSIONAL SUMMARY

Visionary software engineer and technology leader with over 25 years of experience driving innovation in AI-powered automation, cross-platform software development, and product strategy, delivering solutions for Fortune 500 companies including GM, LG, Siemens, and Lockheed Martin. Successfully led development of AI-driven iOS platforms, secure licensing systems, and productivity tools, improving efficiency by up to 75% for users across finance, healthcare, and enterprise sectors. Proven expertise in leading cross-functional teams, managing R&D, and delivering scalable solutions leveraging Java, C++, Objective-C, and modern AI frameworks.

CORE COMPETENCIES

- AI & Machine Learning Integration (LLM, ChatGPT, Gemini AI).

- Cross-Platform Development (iOS, Desktop, Web).

- Cloud and distributed systems.

- Integration with Cloud services (AWS, Google Cloud, Dropbox).

- Integration with CRM systems (Salesforce, NetSuite, Microsoft Dynamics).

- Software Licensing & Security Systems.

- Developer and user productivity software and libraries.

- Agile Project Management & R&D Leadership.

- Java, C++, Objective-C, SQL, JavaScript.

PROFESSIONAL EXPERIENCE

SOFTWARE ARCHITECT, LEAD DEVELOPER
32 Parrots LLC | Feb 2014 - Present

- Development of Alloy Launcher and Automator, an AI-powered iOS "no code" platform for activities automation using workflows.

- Implemented advanced features including Siri extensions, NFC associations, background workflows, and interactive UI, improving user productivity by up to 75%.

- Technologies: Objective-C, JavaScript, XCode, IntelliJ AppCode, iOS Core Technologies, Machine Learning, LLM, ChatGPT, xAI, Gemini AI.

CTO & CO-FOUNDER, SOFTWARE ARCHITECT, CORE DEVELOPER
jProductivity, LLC | Feb 2004 - Present

- Directed technology strategy and product development, launching 5 products adopted by Fortune 500 companies (GM, LG, Siemens, Lockheed Martin, General Dynamics), including Protection! Licensing Toolkit for secure cross-platform software licensing.

- Developed myPhoneDesktop (desktop-to-iOS integration) and InstaTodo (task management app), contributing to $500K+ in revenue.

- Built AppShell framework and Swing Animation Library, streamlining development for 10+ enterprise clients.

- Developed custom applications for financial and real estate customers.

- Technologies: Java, Objective-C, SQL, JBuilder, IntelliJ IDEA, NetBeans, Oracle, MySQL, Tomcat, JPA, Swing, SalesForce, NetSuite, Microsoft Dynamics.

PROJECT MANAGER & SENIOR DEVELOPER
SoftAmis | Jan 2001 - Mar 2004

- Led J2EE-based web application development for the health and fitness sector, reducing client processing times by 30% for 3 major platforms.

- Technologies: Java, SQL, Borland JBuilder, Oracle, Tomcat, EJB, HTML, JavaScript.

PROJECT MANAGER & SENIOR DEVELOPER
Validio Ukraine | Feb 1997 - Dec 2000

- Managed a team of 20 developers and developed projects including GIS for BMW dealerships location optimization, hardware software emulators, and e-commerce platforms with custom app servers, serving 30+ enterprise clients.

- Delivered business process management software based on Six Sigma principles, improving operational efficiency by 50%.

- Technologies: Turbo Pascal, C++, Java, SQL, HTML, JavaScript, Delphi, JBuilder, Oracle, TopLink, Swing, EJB.

Various Roles | 1990 – 1996

- Served as Lead Developer and Software Developer at Documents Insurance Fund of Ukraine, Golden Gate Bank, and NPO "Khartron.".

- Developed paperless document systems, banking software, and FROGL GUI toolkit for DOS.

- Technologies: C++, Turbo Pascal, Delphi, Borland C++, Oracle, db_Vista, FROGL library.

OPEN SOURCE CONTRIBUTIONS

Java Class Extension Library | Nov 2024 – Present

- Developed and actively maintain a Java library for class extensions (missing in Java), enabling seamless interface and object composition, object unions and aspects.

- Repository: https://github.com/gregory-ledenev/java-class-extension

EDUCATION

Kharkiv National Aerospace University

B.Sc. and M.Sc. in Aerospace Engineering, Minor in Computer Science | 1986 – 1993

TECHNICAL SKILLS

- **Languages**: Java, C++, Objective-C, Turbo Pascal, Delphi, JavaScript, SQL.

- **Frameworks/Tools**: J2EE, Swing, EJB, JBuilder, IntelliJ IDEA, NetBeans, VertX, SpringBoot, Tomcat, XCode, iOS Core Technologies.

- **Databases**: Oracle, MySQL, MongoDB, db_Vista.

- **Technologies**: AI/ML (LLM, ChatGPT, Gemini AI), Workflow Automation, Licensing Systems, Client-Server, Web Development, CRM Integrations.

- Methodologies: Agile, Six Sigma, Software Development Lifecycle.

LANGUAGES

- English (Fluent)

- Russian (Fluent)