



Oleg Janeiko

Senior Software Engineer | AI Agent & Full-Stack Engineer

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Ex-Salesforce, Apple, AOL

PROFESSIONAL SUMMARY

Senior Full Stack Software Engineer with over 15 years of experience architecting, developing, and deploying applications for companies like Salesforce, Apple, and AOL. A crisis-tested leader who assembled a 40-person team, spearheaded the development of crm and logistics solutions to deliver critical humanitarian aid.

SKILLS

Languages: TypeScript/JavaScript, Node.js, Python

AI/ML: LangChain/LangGraph, Google Vertex AI, Vector Databases (Chroma), LLMs

Frameworks: React, SolidJS, FastAPI, shadcn, TailwindCSS

Infrastructure & Tools: Google Cloud, AWS, Docker, CI/CD, Git Flow

Methodologies: TDD, AI assisted coding, Agile, Scrum/Kanban

WORK EXPERIENCE

CRM Director [Nova Ukraine](#) (Remote)

02/2022 - 07/2022

- **Recruited and led** a team of 40+ volunteers and contractors, scaling humanitarian aid logistics after the invasion of Ukraine.
- Spearheaded the development of a custom CRM that enabled the distribution of **\$24.5M in aid** and continues to be used, tracking over **\$160M in total impact**.
- Architected and implemented a new team collaboration workflow that increased operational output and impact tenfold.

Senior Member Of Technical Staff [Salesforce.org](#) (San Francisco, CA / Remote)

01/2019 - 05/2021

- Engineered and launched key features for the Philanthropy Cloud platform using **TypeScript, React, GraphQL and Scala**, enabling corporate clients to manage donation and volunteering campaigns.
- Partnered with Product and UX to architect and implement simple solutions for complex user workflows, improving user engagement on the platform.

Senior Software Engineer [Premise Data](#) (San Francisco, CA)

12/2016 - 07/2018

- Engineered campaign management and analytics tools used by governments and NGOs for humanitarian aid and disaster relief programs.
- Implemented a **Nightwatch.js** automated testing suite from the ground up, significantly increasing test coverage and platform stability.
- Contributed to a high-quality codebase by embracing engineering best practices, including rigorous linting, type-checking (Flow) and detailed PRs.

Full Stack Engineer [Apple](#) (Cupertino, CA)

07/2015 - 12/2016

- Developed **React** publishing tools, **Node.js** microservices, css animated interactive guides, and supporting infrastructure for all Apple product's multilingual documentation.
- Led a new machine learning initiative through the full lifecycle: from hardware setup (**Linux, Docker**) and data preprocessing to **TensorFlow** model deployment.
- **Mentored and guided interns** on experimental ML projects to foster team growth and innovation.

Senior Software Engineer [Sharethrough](#) (San Francisco, CA)

10/2014 - 06/2015

- Re-architected a high-traffic ad serving script in **plain JavaScript**, optimizing it to handle **3 billion requests per month** with minimal latency.
- Architected and deployed a high-availability image resizing service on **AWS**, designed to dynamically crop and serve millions of ad assets.
- Developed solutions for Supply Side Platform (SSP) and Demand Side Platform (DSP) products.
- Analyzed campaign discrepancies and supported Android SDK integrations.
- Practiced rigorous **TDD and pair programming** in a Pivotal Labs-mentored agile environment, contributing to a culture of high-quality code and continuous delivery.

Software Engineer	AOL (Palo Alto, CA)	06/2012 - 06/2013
<ul style="list-style-type: none">Developed the AOL Mail responsive web app with Google Closure, targeting early mobile and tablet devices.Achieved native-like performance on resource-constrained 1st-gen iPad, Kindle Fire		
Web Developer	Startups & Agencies (including Zootoo, EditVideo, DipStudio, Freelance)	2005 - 2012
<ul style="list-style-type: none">Developed a diverse range of web applications, including a pet-focused social network, a Ruby on Rails-based video editing platform, and numerous client projects. Optimized site-load performance at Zootoo, led a remote team of contractor engineers. Contributed to a project at DipStudio that won a BBC award following a successful pitch at a competition in Cannes.		

PERSONAL PROJECTS

Lunata: AI-Powered Astrology Platform	2024 - Ongoing
<ul style="list-style-type: none">Created an AI application that generate highly personalized, narrative-style astrology reports based on user birth data.Tech stack: LangChain/LangGraph, Google Vertex AI, ChromaDB, FastAPI, Python.	
Ethereum/Bitcoin HFT Bot	2016
<ul style="list-style-type: none">Architected an algorithmic high-frequency trading system in Python for the Ethereum/Bitcoin markets.Implemented trading strategies utilizing RSI and SMA indicators to generate automated trading signals.Built backtesting to validate and refine strategy performance.	
Dgrees iOS Application	2014
<ul style="list-style-type: none">Achieved 100,000+ downloads for a Celsius/Fahrenheit converter app built with PhoneGap.Designed and developed a learning game that received excellent user reviews for its intuitive UX.	