

John Winkler

Chief Technology Officer

Comprehensive Expertise in Development and Strategic Management

Summary

Experienced Chief Technology Officer with a solid foundation that combines almost 15 years of civilian software engineering expertise and more than a decade of distinguished military service in intelligence and communications. Skilled in leading development teams and implementing advanced technology solutions while also engaging hands-on as a developer. Exhibits exceptional abilities in strategic decision-making, team leadership, and improving operational efficiency. Merges technical acumen with an executive perspective to drive business growth and ensure that product innovation is in harmony with the organization’s broader objectives.

Key Achievements

Forge Two Top Level Domains	Enacted Scalable Quality System	Architected Enterprise Software
Took both .Jobs and .Med and created effective revenue-generating businesses from the ground up	Successfully passed audits related to SOCII, GxP, and ISO	Designed, built, deployed, monitored, and managed products for enterprise level systems

Professional Experience

CTO, Principal Engineer	2024 – Present	Cleveland, OH (Remote)
Chief Product Officer	2023 – 2024	Cleveland, OH (Remote)
Sr. Director, Product and Engineering	2020 – 2023	Cleveland, OH
Director of Product	2018 – 2020	Cleveland, OH
Second Generation, [Find.Jobs / Trust.med]		

- Enhanced the company’s product offering adding 5 new product offerings over 2 different Top-Level Domains (TLDs)
- Utilizing Python, Angular, RMQ, PostgreSQL, and Elastic, architected, implemented, and managed a robust ETL pipeline for the secure exchange of regulated pharmaceutical data over multiple protocols.
- Researched and developed tooling, including agentic expansions for interactive insight, providing mission critical action items from what was previously a data cost center for stakeholders.
- Reduced the cost of Infrastructure by 65% while maintaining system integrity and product availability.
- Spearheaded the implementation of a Quality Management System creating and executing over 35 documents covering policies, procedures, system design, and training.
- Created Job Board platform that scaled across roughly 30k individual job boards and did a combined 10k requests/second.
- Led development efforts to establish 110k+ resolving product pages on the web tied to federal drug NDC numbers, opening the ability to easily scan to see drug information, recalls, and drug master data.
- Reduced customer onboarding time by over 400% by creating a platform replacing scripted manual processes with an intuitive front end.
- [Certified GS1 Standards Professional](#)

Senior Software Engineer
OnShift

2017 – 2018 Cleveland, OH

- Enhanced existing integrations by taking legacy code and creating more scalable, resilient, and modern solutions that improved customer satisfaction and reduced errors by 70%.
- Conducted on-site planning and reviews with hospital system partners to discuss needs and architect specialized solutions.
- Coordinated with account managers, integration specialists, and product team to enhance current product offering on legacy solutions.

U.S. Army Brigade Signal Officer

2012 – 2018 Blacklick, OH

U.S. Army Brigade Intel Officer

2008 – 2012 Twinsburg, OH

Psychological Operations Specialist

2006 – 2008 Twinsburg, OH

Captain, U.S Army Reserve

- 8 years distinguished service as officer, 12 years total service.
- Held Top Secret Clearance with SCI Designator (TS/SCI).
- Established SOPs to effectively manage and ensure uniform procedures across inter-state and subordinate units with respect to Army doctrine and established regulations.
- Oversaw IT and communications infrastructure, including computers, phones, and satellite systems, for a brigade and its three direct subordinate units, ensuring seamless operational support.
- Successfully modernized brigade upgrading 100+ computers to Windows 10 within Division timelines.
- Liaison for Brigade Commander with Korean counterparts as culture and language expert.

Director, Sales Engineering

2016 – 2017 Cleveland, OH

Securable.io

- Managed a team of developers, from intern to senior developers, to create a robust platform allowing for the detection, remediation, and scoring of a company's overall Cyber Security health.
- Architected, developed, deployed, and maintained scalable high-level code for enterprise customers.
- Led the customer support team to ensure 100% mission success and customer satisfaction.
- Conducted Code reviews/retrospectives to ensure constant growth of self and team.
- Coordinated directly with CTO and VP, Engineering to ensure product met business objectives and adhered to roadmap.
- Successful growth to exit as Securable.io is acquired by KnowBe4. Read more [Here](https://www.knowbe4.com/press/knowbe4-expands-its-security-vision-with-the-acquisition-of-securable.io).
[<https://www.knowbe4.com/press/knowbe4-expands-its-security-vision-with-the-acquisition-of-securable.io>]

Senior Professional Services Software Engineer

2013 – 2016 Cleveland, OH

DialogTech (formerly Mongoose Metrics)

- Contributed to the creation of a novel way to connect an online visit to an offline conversion using a combination of session tracking and Asterisk as a PBX.
- Provided senior-level code that was clean, scalable, error-free, and resilient.
- Tested all PHP code with PHPUnit tests.
- Created statements of work for each new project which included highly detailed UML diagrams, concrete timelines, and married business requirements with technical expectations.
- Main point of contact for communication between business development representatives and executive members of the engineering department.
- Provided last-line support for all technical areas of the business.
- Helped provide call tracking metrics and business revenue information to assist in the successful acquisition of Mongoose Metrics, by then IfByPhone, to form DialogTech in 2014.

Education

The University of Akron

Akron, OH

Bachelor of Science, Computer Science

Korea University

Seoul, South Korea

Certificate of Korean Language

Management Skills

Technical Leadership • Software Architecture • Cloud Computing [GCP] • DevOps Practices • Agile & Lean SDLC • Data Management • Data Analytics • Regulatory Compliance [GDPR, HIPAA, DSCSA, CFRs] • Resource Allocation • Team Development & Building • Stakeholder Management • Innovation Management • Product Strategy • Market Research • UI/UX Design

Technical Skills

Development: Python, React, Ionic, JavaScript, Typescript, RabbitMQ, PHP, Asterisk

Frameworks: Django, Flask, Next.js, Angular

Data Management: PostgreSQL, MySQL, Elastic Search, Redis, BigQuery

AI Tools: Vertex, Claude, ChatGPT, Cursor

DevOps: Google cloud Platform (Kubernetes Engine, Cloud DNS, Secret Manager, Cloud Storage, Google SCC, Armor) Kubernetes, Terraform, Helm

Monitoring & Reports: DataDog, Looker, Metabase

CI/CD: Jenkins, Google Cloud Build

Testing & Automation: PyTest, Selenium, Puppeteer, Playwright, PHPUnit

Tools: GitHub, Docker, OpenSSL, Curl, Postman, Bash

OS: Windows, MacOS, Linux [Ubuntu, Mint, Kali]

ERP: SAP [S4/Hana]

CRM: Salesforce, Streak, Hubspot