Ian Tozer

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Software Engineer with 8+ years of experience delivering ETL solutions, security audits, and data-driven applications.

PROFESSIONAL EXPERIENCE

TOZER LABS, LTD.   **London, UK & Remote**
Director & Software Engineer   *Jan 2021 –Present*

- Achieved top-5 ranking in public smart contract security audits (reported findings in Olas, Curves, NextGen Dopex, and Lens Protocol) while providing private client services and educational initiatives.
- Completed grant-funded ETL analysis for Solana Foundation, mapping Web3 employment trends by location, company scale, and skills.
- Completed grant-funded DAO governance frontend redesign for Aave.
- Built a Golang sports arbitrage bot trading with PostgreSQL/Grafana/Loki, then optimized the second iteration, achieving 10x speed, 90% code reduction, and IP rotation.
- Co-founded three ventures: an ETL/Web3 jobs platform, DAO governance tracking (Stakehodler), and SteezyBeez (rebranded as BuzzKill on Viction).
- Served on the board for TomoChain MasterDAO for 1.5 years.
- Won top-3 prizes on Gitcoin for DAO governance concepts: one dashboard and one smart contract proxy voting service.
- Led GIS-based state-level asset mapping for wellness, educational, and mental health resources for a government contract with Baltimore County.
- Conducted R&D in Zero Knowledge (MoonMath Manual), DeSci, MEV, and on the Arweave protocol.
- Launched various open-source public goods: a Substack/PDF to Kindle converter, a financial advisor/fund fee calculator, and a music scale tool.
- Created code maps using Rust force-directed algorithms visualizing complex codebases.

AUTHORITAS   **London, UK & Remote**
Software Engineer   *Jul 2019 - Dec 2020*

- Engineered Authoritas SEO platform frontend, expanded to full-stack, led design implementation whilst minimising architectural and consistency risks.

FREELANCE   **London, UK & Hanoi, Vietnam**
Software Engineer & Teacher   *Nov 2016 - Jun 2019*

- Founded DrumKitCreator startup, interned at HotTab on point-of-sale frontend, organised weekly Blockchain meetups on decentralised governance, taught Mathematics & English.

LEGAL & GENERAL INVESTMENT MANAGEMENT   **London, UK**
Junior ESG Analyst   *Jan 2016 - Oct 2016*

- Supported ESG index strategies whilst assisting with executive engagements, processing proxy voting protocols, and helping streamline corporate governance processes for institutional asset management operations.

WHEB ASSET MANAGEMENT, PREVENTABLE SURPRISES,   **London, UK & NYC, USA**
OPERATIONAL INTELLIGENCE & VIVALDI PARTNERS   *Jul 2014 - Oct 2015*
Multiple Internships

EDUCATION

CFA INSTITUTE (CHARTERED FINANCIAL ANALYST)   **London, UK**
Completed CFA Level 2   *2016*

LEEDS UNIVERSITY   **Leeds, UK**
Bachelor of Science in Psychology   *2011 - 2014*

ESSAYS

- "Who's Driving?...Welcome to The Savings Game (The UK Edition)" (May, 2025)
- "Scamming Grandma on the Blockchain: A Politician's Guide" (April, 2025)

ONLINE PROFILE

- GitHub: github.com/i-tozer
- X: x.com/i_tozer
- LinkedIn: linkedin.com/in/ian-tozer-bb225ba0/
- Code4Rena: code4rena.com/@BugzyVonBuggernaut
- Substack: substack.com/@iantozer

TECHNICAL SKILLS

- Advanced: Solidity, Golang, JavaScript
- Proficient: Rust, Python
- Docker containerization
- Linux/Unix server administration
- Bash/Shell scripting
- AI agent development & integration

ADDITIONAL SKILLS

- Fluent in Spanish
- Jazz/Latin/Rock Drumming
- Mathematics Enthusiast