Kristian Adam Williams
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[Github](#) | [Linkedin](#) | [Email](#) |[Portfolio](#)

FULL STACK SOFTWARE ENGINEER

Blockchain Developer with hands-on experience building decentralised applications, smart contracts, and secure internal tools for financial modelling. Skilled in React, Node.js, Solidity, and full-stack development, with proven success delivering NFT marketplaces, lending dApps, ERC-20 tokens, and rapid prototype solutions for R&D environments. Passionate about decentralised technologies and delivering scalable, secure solutions in collaborative teams.

KEY SKILLS

JavaScript | React | Redux | Solidity | Hardhat | Smart Contract Development | Git | Decentralised Applications| node.js | APIs | DevOps | UX design

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EXPERIENCE

Blockchain Developer (Contract)
Confidential Blockchain R&D Startup (NDA) — Remote | 2025 (8-week contract)

- Developed a secure, full-stack internal tool for financial modelling and multi-step computation workflows across the engineering team.

- Delivered end-to-end development using Vite, React, Node.js, and Supabase for backend logic, authentication, and data persistence.

- Designed and implemented full UI/UX, multi-stage workflow engine, API architecture, and real-time data validation layers.

- Collaborated directly with CEO, CTO, and QA teams in rapid iteration cycles, consistently delivering features ahead of schedule.

- Passed QA review with only five refinements, all resolved within two hours, demonstrating strong code quality and responsiveness.

- Participated in early R&D discussions around blockchain system architecture, smart contract integration, and security considerations.
  Tech: React, Vite, Node.js, Supabase, REST APIs, Blockchain R&D

Independent Blockchain Developer
Remote | 2023 – Present

- Designed and deployed multiple decentralised applications (dApps) using Solidity, Hardhat, React, Redux, and Ethers.js.

- Built secure smart contracts across ERC-20, ERC-721, and ERC-4626 standards following OpenZeppelin documentation.

- Developed an RWA Luxury Watch DeFi App enabling NFT tokenisation of luxury watches for collateralised borrowing and fractional ERC-20 trading.

- Built full-stack NFT Marketplace and Lending Apps integrating MetaMask for user authentication and on-chain interaction.

- Explored Web3 automation and AI integration using n8n to enhance user workflows.

Risidio | Blockchain Developer Intern
Remote | June 2024 – September 2024

- Contributed to blockchain prototype development for grant proposals, demonstrating project feasibility and innovation.

- Designed and tested Solidity smart contracts with a focus on transaction security and gas optimisation.

- Delivered full-stack features using React, Node.js, and Hardhat in collaboration with developers and designers.

- Supported deployment of prototype dApps on test networks to validate core features.

Gravells Kia Swansea | Senior Sales Executive
Swansea, UK | June 2015 – June 2024

- Consistently achieved and exceeded annual sales targets, contributing to top dealership performance in the region.

- Built and maintained strong client relationships, driving repeat business and customer loyalty.

- Managed full sales cycles — from lead generation and negotiation to closing and after-sales support.

- Collaborated with management and marketing teams to improve customer experience and sales efficiency.

TECHNICAL PROJECTS

RWA Luxury Watch DeFi App | [GitHub](#) | [Video Demo](#)

- Developed a DeFi platform tokenising luxury watches as NFTs for collateralised borrowing and fractional ERC-20 trading.

- Built secure Solidity smart contracts with Hardhat testing and deployment workflows.

- Developed responsive frontend using React/Redux integrating Ethers.js and MetaMask for blockchain connectivity.

Lending App | [Live Demo](#) | [GitHub](#)

- Developed a full-stack borrowing and lending dApp leveraging ERC-4626 standards.

- Engineered robust smart contracts with comprehensive Hardhat testing.

- Built responsive React/Redux frontend integrating Metamask for on-chain transaction approvals.

NFT Marketplace | [GitHub](#)

- Designed an ERC-721 compliant NFT marketplace enabling users to buy and sell digital assets.

- Authored secure smart contracts and unit tests using Solidity and Web3.js.

- Developed full-stack React application with seamless MetaMask connectivity.

EDUCATION

Dapp University (Remote) | Full Stack Web Development, Solidity & JavaScript Program | 2024
 Neath Port-Talbot College, Pontardawe, Swansea | Level 2 Motor Vehicle Repair | 2023