

KENT DANEEL

Solidity | Smart Contract Dev | Web3 | Defi | NFTs |
Typescript | JavaScript | Hardhat | Foundry

+47 92211258 @ daneelkent@gmail.com kent-daneel.vercel.app
Teufen, Switzerland

SUMMARY

I am a Blockchain Developer deeply involved in Distributed Ledger Technologies. Specializing in smart contract development, security, and scalable blockchain infrastructures. With hands-on expertise In **Solidity, Typescript, Foundry Hardhat**, various EIPs, and other essential technologies that are critical to innovative blockchain solutions.

My experiences, span from the intricacies of blockchain development and internationally elite sports. This unique blend provides me with a well-rounded approach to problem solving. As a multilingual communicator (fluent in German / Swiss-German, English, Norwegian), I effortlessly integrate and collaborate with global teams, fostering an environment of collaboration and innovation. I am passionate about leveraging my skills in roles that demand a forward-thinking approach.

PROJECTS/ WORK EXPERIENCE

Freelance Job | Blockchain Developer 03/2024
Solidity | Foundry | Fuzzing | Typescript Italy

Siro – Lending & Borrowing Protocol

- **Developed dynamic scripts:** to enable real-time risk parameter adjustments.
- **Tested & optimized smart contracts:** using Foundry, identifying and fixing vulnerabilities.
- **Integrated & tested price Oracles:** Supra Push Oracle for accurate asset valuation, with TWAP V2 fallback to ensure reliable and secure pricing.
- **Worked in an Agile/Scrum environment:** Collaborating with senior developers through code reviews (PRs), stand-ups, and sprint planning to ensure seamless blockchain integration.
- **Designed & deployed a secure lock contract:** Sirio token distribution, ensuring efficient and user-friendly asset management.

Nft / Multitokens (Full-stack application) 2024 - 2024
Solidity | Typescript | Next.js | Hardhat Switzerland

- **Developed NFT's and multi-token systems:** using Solidity, focusing on ERC-721 and ERC-1155 standards, utilizing IPFS to store them in a decentralized way.
- **Integration, Minting, Forging, Burning of a NFT collection:** ERC-20 tokens, ERC-721 NFTs, and minting authority contracts, facilitating seamless NFT minting, forging, burning and leveraging Ethereum and Sepolia networks.
- **Testing smart contracts using Hardhat:** Tested ERC-1155 NFT forging, minting, burning, access control with Hardhat, using Chai and Ethers.js to ensure secure minting, transfers, and logic validation.

Wallet Development 2025 - 2025
Solidity | ERC-2612 | EIP-712 | HD Wallets Switzerland

- **Multi-chain wallet development:** Built an **HD wallet** with BIP-32, BIP-39, and BIP-44 support, enabling secure private key derivation across Ethereum, Layer 2s, and EVM-compatible chains.
- **Gasless token approvals:** Integrated **ERC-2612 (Permit)** to enable off-chain token approvals, reducing gas costs and enhancing DeFi user experience.
- **Meta-transactions with EIP-712:** Enabled **off-chain signatures** for gasless token approvals and seamless transactions, enhancing user experience and reducing on-chain costs in the wallet application.



SKILLS

Ethereum

Solidity · Hardhat · Foundry · Ethers ·
Alchemy · Ganache · Remix ·
ERC-20 · ERC-721 · ERC-1155 ·
ERC-2612 · EIP-712 · HD Wallets ·
BIP-44 · BIP-32

Typescript/JavaScript

Node.js · Next.js · Mocha-Chai ·
Express.js

Rust

Cargo

Databases

MySQL

Other

Git · REST · Docker · Vercel

STRENGTHS

💎 Perseverance/Team work

As a professional athlete I am an absolute team player. Putting in the extra effort when needed and the ability to persevere have become natural aspects of my personality. In any work environment I support good communication and the ability to work towards a common goal.

★ Focused & Independent

At 16, I took the bold step of living independently in various countries, a journey that shaped my ability to swiftly adapt to diverse environments and cultures, fostering resilience and self-reliance.

PROJECTS/ WORK EXPERIENCE

Oracles

2024 - 2025

[Chainlink](#) | [Push-Pull](#) | [VRF](#)

Switzerland

- **Integrated Chainlink Oracles for asset pricing and randomness:** Utilized Chainlink V3 price feeds for accurate on-chain asset valuation and VRF (Verifiable Random Function) for fair lottery contract execution.
- **Push and pull data mechanisms:** Implemented efficient oracle interactions to fetch reliable off-chain data for smart contract logic, utilizing Uniswap TWAP V2 as a fallback mechanism.

Testing (Unit, Integration, Fuzzing, SA)

2024 - 2025

[Foundry](#) | [Hardhat](#) | [Slither](#)

Switzerland

- **Smart contract testing with Foundry & Hardhat:** Conducted unit, integration, and fuzz testing to ensure contract security and reliability.
- **Static Analysis with Slither:** Used SA tools to detect vulnerabilities, optimize gas usage, and enforce best practices.

Optimization & Full-Stack dApp Integration

2024 - 2025

[Solidity](#) | [Foundry](#) | [Hardhat](#) | [Next.js](#) | [Ethers.js](#)

Switzerland

- **Security best practices:** Ensured compliance with **OpenZeppelin standards**, implementing access control, reentrancy protection, and gas-efficient modifiers.
- **Gas-efficient smart contracts:** Optimized ERC-1155 and ERC-721 implementations, reducing gas costs through efficient storage patterns, Solidity inline assembly, and Hardhat gas reporter.
- **Full-stack dApp development:** Built decentralized applications using Next.js and Ethers.js, integrating smart contracts with wallet authentication (MetaMask, WalletConnect)

EDUCATION/PROFESSION

Professional Hockey Career

2019 - 2023

[- Norway/Switzerland](#)

Advanced Solidity Bootcamp

01/2023 - 12/2024

[Metana](#)

High School Diploma

2016 - 2019

[Norwegian Elite Sports Gymnasium Ice Hockey.](#)

Sirio Finance

2024 - 2025

[Lending and Borrowing Protocol, on Hedera.](#)