Nikola Slavnic | Software Engineer

☎ 06.87.75.53.82 • ✉ slavnic.n@gmail.com • 🖥 www.linkedin.com/in/nsla

Summary

An enthusiastic blockchain developer with a strong interest in security/cryptography and all innovation. Always looking for challenges and new ways to improve.

Experience

Since March 2022 — **Blockchain Software Engineer**, *Eniblock*, Paris.
- Tokenization of asset with a mutli-signature smartcontract
  - Permissioned and upgradable ERC-20 smartcontract
  - Custom upgradable multisignature smartcontract
- Worked with a client to build a real estate token and integrate it on AAVE
  - Forked of the AAVE protocol with the real estate token added
  - Simple mintable/burnable ERC-20 representing the real estat asset
  - Smart contracts deployed on Goerli and Mumbai testnet and the Dapp on Vercel
- Implementation of a Dapp in React integrating the EIP-712 and a smart contract that verify the signature
- Worked on fully on-chain marketplace smart contract prototype
- Test implementation and integration to CI/CD for several projects
- Tech watch on blockchain eco-system and knowledge sharing/presentation within the team
- Conducted interviews for new blockchain developer recruts

2015-2022 — **Software Engineer in Digital R&D**, *Gemalto/Thales*, Paris.
- Lead dev on Biometric product, integration of facial and iris biometry algorithm
- Implementing a proof of concept on post-quantum cryptography algorithm (LMS, Crystals-Dilithium) in order to prepare products for quantum threat
- Implementing and improving test suite for identity cards products

Mars–Aug 2015 — **Intern Software Developer**, *Gemalto*, Paris.
- Developing a gateway prototype that analyses and secures transactions between a user and Cloud services. The security is performed using Homomorphic encryption scheme.

Education

2012–2015 — **Master**, *ENSICAEN*, Caen(France).
Computer science engineering diploma (eq. Master CS) focusing on Software Engineering with a specialisation in Computer Security

2014–2015 — **Master**, *UNICAEN*, Caen(France).
Double degree in Computer Science, focusing on algorithmic and advanced cryptography

2010–2012 — **Preparatory Class**, Paris(France).
Intensive lectures in advanced mathematics and physics for the challenging entering test in Engineering school

Blockchain skills

Framework	Hardhat, Foundry, Tenderly, Truffle	Defi	AAVE, Uniswap
Library	Ethers.js, OpenZeppelin, Alchemy, GnosisSafe	Other	Ethernaut, Smart contract Audit, Technology watch
Marketplace	Seaport/Opensea, Rarible,		
Standard	EIP (2771, 712, ...), BIP39 usage		

Computer/Soft skills

Programming	Solidity, Javascript, Python	Web	React, Nodejs, Graphql
Cryptography	ECDSA, Signature, Sym/Asym	Languages	French, English, Serbian