Charles ROSIER DIALLO

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Driver's license holder

Full Stack Blockchain Developer



Work Experience

2023-2025 LegendaryPlays: Software Engineer Full Stack Web3

► Built a complex Web2/Web3 application using Next.js

► Developed a full NFT marketplace with account abstraction

► Integrated Shopify and optimized SEO for e-commerce performance

Implemented tracking systems (RudderStack, HyperDX), E2E tests (Playwright)

Set up CI/CD GitHub Actions, cron monitoring, and Docker containerization

Stack: TypeScript, Next.js, React, Tailwind, Node.js, Prisma, Supabase, GraphQL, Docker,

GitHub Actions, Solidity, Hardhat, Ethers.js, Cometh SDK, Shopify API, Strapi,

RudderStack, HyperDX, Klaviyo, Playwright, Jest

2022-2023 Freelance: Full Stack Blockchain Developer

► Delphya: Full Stack App, Smart Contracts, TheGraph, NestJS/Mongo API

└→ Kong: DeFi, Staking, ERC20, Uniswap, DAO

₩ Waren: NFT ERC1155, Vesting NFT, Staking DeFi ERC20

→ Hex Cartel: NFT ERC1155 and online card game engine

► Start Mining: ERC721 Solmate, NFT Staking Pool, on-chain affiliation system

Stack: Solidity, Rust, Ethers.js, Hardhat, TheGraph, React, Next.js, Node.js, NestJS, Firebase,

MongoDB, GraphQL, Docker, Mocha, MerkleTree, ECDSA, Proxy, Factory, ZKP, DAO

2020-2025 Eatmeet: Mobile Developer

└ Developed a complete mobile application using React Native

► Designed UI/UX, business logic, and back-end integration

▶ Deployed the app to stores via Expo and managed updates

Stack: Typescript, React Native, Expo, Redux.js, RTK Query, Node.js

Education

2021-2022 Alyra: Blockchain & Smart Contract Developer

Paris Final Project: Unlimited Evolution (NFT Gaming)

2014-2018 Master's Degree in IT & Information Systems Engineering

Bordeaux Ingésup YNOV: Higher education in computer engineering

Languages: French (C2), English (C1), Spanish (C1)



