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in in/davide-carpini

davidecarpini

EDUCATION

Computer Engineering

Pisa University

EXPERTISE

React - React native

TypeScript - JavaScript

Node

UI / UX

LANGUAGE

English

Italian

DAVIDE CARPINI

Senior Software Engineer

ABOUT ME

Senior Software Engineer specialized in high-performance systems and Web3 products, with proven experience building fintech and crypto platforms used by millions of users.

KEY ACHIEVEMENTS

- Built and scaled high-traffic fintech and crypto products, including a self-custodial wallet with 100K+ downloads and a decentralized platform supporting 2M+ wallet interactions.
- Led development of complex, real-time frontend systems (trading panels, home banking apps) handling high data throughput, advanced UX flows, and strict performance requirements.
- Delivered end-to-end solutions across web, mobile, and Web3, owning architecture and implementation with TypeScript, React, React Native, Next.js, and Node.js.

WORK EXPERIENCE

2023 - Present
Vechain - Blockchain
Senior Software Engineer

Led architecture decisions and collaborated closely with product and design teams.
- BYB DApp – Led the development of a decentralized fitness app rewarding users with tokens; owned full-stack development (frontend & backend).
- VeWorld Wallet – Led React Native mobile development of a self-custodial wallet with 100K+ downloads.
- DApp-Kit SDK – Led a TypeScript SDK development, simplifying DApp wallet integration and transaction management.
- VeB3trDAO – Built a Next.js decentralized sustainability platform supporting 2M+ wallet interactions.

2021 - 2022
Kraken - Cryptocurrency Exchange
Senior Software Engineer

Developed and optimized the Kraken Pro trading panel using React and Next.js, tackling challenges related to massive real-time data, performance bottlenecks, and complex order types to enhance user experience.

2019 - 2021
Illimity - Bank
Senior Software Engineer

Designed and developed a robust Home Banking Mobile and Web Application, utilizing TypeScript, React, React Native, and various technologies, featuring critical functionalities such as international transfers, cash deposits in shops, AIS & PSD2 payments.

2016 - 2019
Vas - Software company / Object Method srl
Software Engineer

Integral contributor to the development of diverse platforms and websites, employing TypeScript, React, React Native, Node, Express, and other technologies. Notable projects include a 'Supply Chain Management' simulation and bespoke websites for architects and an international energy company.