Alessandro Capra

Senior Frontend Engineer (React/Next.js/TypeScript)
7+ years crafting UX-driven enterprise applications in the fintech sector.
Led React Native fintech app development and deployments.
Professional Scrum Product Owner 1 (PSPO) with full lifecycle technical ownership.

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Experience

Senior Frontend Engineer
Ayvens | Amsterdam (NL) | 10/2023 - present
- Took technical ownership of a React/Next.js (TypeScript) team of 2 and led security-critical upgrades: React Query v4 to v5, Next.js v13 to v14
- Architected Playwright migration replacing 100+ Cypress tests (40% faster execution, 20% fewer flaky tests)
- Refactored CI/CD pipeline, reducing deployment duration by 20%
- Conducted Agile ceremonies as technical product owner (sprint planning/retrospectives)

Senior Frontend Engineer
Quantoz Blockchain Technology B.V. | Utrecht (NL) | 09/2019 - 09/2023
- Enterprise Portal Modernization: Led .NET→React migration (100% UI redesign) for transaction tracking system handling multi-million euro business operations
- Auth Security Implementation: Built Two-Factor Authentication (2FA) + biometric authentication (Face ID/Touch ID) for mobile app, securing sensitive financial operations
- Testing Foundation: Created 200+ Jest tests covering critical compliance reporting workflows
- White-Label Mobile Solution: Architected React Native/Expo app with customizable branding layers, enabling client-specific forks
- CI/CD Automation: Implemented Expo EAS for unified App Store/Play Store deployments + OTA updates, reducing release time by 50%

UX/UI Designer & Frontend Developer
Facevalue B.V. | Hilversum (NL) | 09/2018 - 09/2019
- UX Architecture: Designed platform using user personas + journey maps, ensured stakeholder requirements alignment between 3 different ones

- Design System Leadership: Built version-controlled UI kit (Abstract) with 50+ reusable components
- Implemented frontend components in plain HTML/CSS in the .NET application

Frontend Developer & UX Designer
Thread Solutions | Trento (IT) | 02/2016 - 08/2016
- Developed core product's web portal interface (HTML, CSS)
- *Note: Left position to pursue Master's degree*

Education

EIT Digital MSc in Human-Computer Interaction Design

University of Twente (NL) & Aalto University (FI) | 2016 - 2018

BSc in Interfaces and Communication Technologies

University of Trento (IT) | 2011 - 2015

Certifications

- Professional Scrum Product Owner 1 (PSPO) | Scrum.org | 2022

Languages

- Italian: Native
- English: Full Professional Proficiency (CEFR C1)
- Dutch: Limited Working Proficiency (CEFR B1)