Francesco Longo

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SUMMARY

As a versatile and dynamic Software and App Developer at UNIS, I thrived in diverse environments where I applied my knack for creating engaging user interfaces and efficient data operations using Firebase. My approach to development is comprehensive, seamlessly integrating front-end aesthetics with robust back-end functionalities. I'm passionate about delivering solutions that are not just functional, but also intuitive and user-friendly.

WORK EXPERIENCE

Software Developer at UNIS - Remote   Nov 2023 - May 2024

UNIS is a comprehensive software solution designed for construction site managers, offering both an app and a dashboard to streamline site management. Unfortunately, due to funding issues, my position was made redundant.

Tech Stack: NextJs, ReactJs, Firebase, Javascript, React Native

Agile Development Collaboration: Actively engaged in Agile development practices, promoting effective team communication and collaboration. Played a key role in maintaining a dynamic and responsive development environment.

Performance Optimization: Applied React lazy loading techniques where possible to enhance application performance and user experience. Implemented useMemo and useCallback to improve efficiency and prevent unnecessary re-renders.

Custom Hooks and Component Development: Contributed to the creation of custom hooks to encapsulate business logic, facilitating reuse and maintenance. Developed numerous components with dynamic props, optimizing code reusability and scalability.

Advanced Dashboard UI Development: Took on the challenge of building the dashboard UI and functionalities from scratch. Learned and implemented complex functions and logic to fetch, add, update, and delete data from and to Firebase, significantly improving data

Projects at UNIS

Management Site Development: Independently developed a comprehensive management site according to CEO requirements, transforming raw Firebase data into readable analytics to facilitate informed decision-making.

Dashboard Site: Collaborated with the CTO on the company's largest project to create interactive functionalities between the app and dashboard. Enabled site managers to perform CRUD operations within Firebase, manage documents, and oversee worker tasks efficiently.

React Native App: Contributed to the refactoring of the React Native app by enhancing separation of concerns, optimizing logic, and designing new components to improve overall app performance and maintainability.

RECOMMENDATION FROM CTO

"Francesco is an exceptional developer who combines technical expertise with innovative solutions. His contributions have been invaluable to our projects." – CTO, UNIS

Skills

Development: React, NextJs, Firebase, Material UI, Tailwind, APIs, React Native, Typescript, NodeJs

Planning and Project Management: Git, GitHub, Trello, Figma, Miro, Canva, Monday

Soft Skills: Adaptable and proactive with a strong ability to work with diverse teams. Committed to ongoing professional and personal development, maintaining a positive attitude focused on continual improvement.

Side Projects

PetBrbV2
- Currently refactoring the School of Code final project, applying new skills learned on the job, by transforming the old Next.js pages router into the new app router.
- Transitioning from SQL queries to Firebase as the hosting platform to modernise the project.

Wishlist App
- Developed a React Native app allowing users to add items with pictures to their wishlist, with data stored in Firebase.
- Ensured items are securely stored within the user profile for personalized user experience.

EDUCATION

Coding Bootcamp (Full-stack Web Development) *School of Code*   2022 – 2023
- Mastered technologies such as React, Node, Express, and PostgreSQL in the context of full-stack web development.

- Applied theoretical knowledge through hands-on projects within teams, cultivating effective teamwork and project management skills.

High School - A level equivalent (Foreign languages) *Maria Montessori*   2010 – 2015

Previous work experience

Barista at Pret à Manger   Oct 2019 - Sep 2022
- Showcased outstanding customer service skills, achieved high customer retention through attentive service, effective issue resolution, and professional handling of challenging situations.

Volunteer

School of Code   Sep 2023 - Present

- **Mentor:** Provided ongoing mentorship for the School of Code, offering guidance to current bootcamp participants and collaborating with the team on planning and assessment.

- **Selection Committee Member:** Recruited for the School of Code, assessing applicants.

Learning

Currently Learning:

- React Native: Deepening my knowledge in cross-platform mobile application development.

Curious to Learn:

- Python: Keen to explore its capabilities in various domains, especially in data analysis and scripting.

- AI: Fascinated by the prospects of Artificial Intelligence and its impact on the future of technology.