

Christian Frattini

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SUMMARY

I am a versatile software developer proficient in JavaScript, TypeScript, React, and CSS, with experience building responsive and dynamic web applications. I have a strong understanding of front-end development, UI/UX principles, and component-based architecture. I'm skilled at writing clean, maintainable code, debugging, and optimizing performance, and I'm always eager to adapt and explore new technologies to enhance my skills and stay current with industry trends. I'm ready to contribute to innovative projects while continuing to grow my tech stack.

EDUCATION AND QUALIFICATIONS

Newcastle University, Electronics and Computer Engineering (BEng)

2019-2023

- **Lower Second-Class Honours (57.7%).**
- Modules studied: Java Programming, Security and Programming Paradigms, Building systems for people.

RELATED EXPERIENCE

Director at JERICO'S ROSE LTD

October 2023 – June 2024

- **E-Commerce & Marketing Insight:** Gained comprehensive knowledge of the e-commerce industry, including **online marketing strategies**, customer engagement, and product promotion techniques tailored for digital platforms.
- **Website Development:** Led the design and development of a **custom educational website** to provide customers with easy access to learning resources after product purchase. Leveraged web development tools and platforms to ensure a seamless user experience.
- **Shopify Store Setup:** Successfully established a fully functional **Shopify store** for online product sales, implementing design, payment processing, and inventory management features to streamline operations.
- **Social Media Marketing:** Spearheaded social media campaigns on platforms like **Instagram** and **TikTok**, creating promotional content, driving product visibility, and increasing audience engagement through targeted marketing strategies.

- **Entrepreneurial Initiative:** Demonstrated strong **entrepreneurial** and leadership skills by independently building and managing the business from the ground up. This included product ideation, web development, marketing execution, and overall business strategy.
- **Technical Skills Development:** Developed working knowledge of key **web development languages** and tools, while also enhancing skills in digital marketing, e-commerce operations, and customer relationship management.
- **Key Achievements:** Through this project, I demonstrated a high degree of **initiative**, the ability to work independently, and strong **business acumen** in successfully launching and growing an e-commerce business.

Developer at BoxedCat LTD (Start-Up)

December 2023 – Present

- **Client Collaboration:** Actively collaborate with clients to gather and understand requirements, translating business needs into responsive and visually appealing front-end applications.
- **Front-End Development:** Expertise in building and maintaining user-centric web applications using modern technologies such as **React, JavaScript, TypeScript, HTML**, and **CSS Tailwind**. Focus on ensuring smooth user experience (UX) through optimized performance and intuitive design.
- **State Management:** Implement advanced state management techniques using **Redux Toolkit** and other React libraries to create scalable, efficient, and maintainable applications that meet client specifications.
- **Back-End Integration:** Utilize **MongoDB** for back-end data storage, ensuring robust and secure connections between front-end interfaces and server-side data.
- **Deployment & Maintenance:** Responsible for deploying and maintaining websites on platforms like **Vercel** and **Netlify**. Skilled in continuous integration and deployment (CI/CD) practices to streamline updates and feature releases.
- **Client Communication:** Engage with clients throughout the project lifecycle to ensure alignment on functionality, design, and overall business objectives. Provide regular progress updates and gather feedback for iterative development.
- **Business & Pricing Analysis:** Conduct in-depth analysis of client business models to propose customized website functionalities. Develop tailored pricing strategies based on complexity, feature sets, and ongoing maintenance needs.
- **Agile Development:** Emphasize **Agile software development** principles, including sprint planning, regular code reviews, and iterative testing, to deliver high-quality products on time. Contribute to both verification and testing processes to ensure project integrity and functionality.
- **Skills Applied:** Extensive application of **Agile methodologies**, collaborative team communication, problem-solving, testing, and continuous improvement to meet project goals efficiently.

EXTRA-CURRICULAR ACTIVITIES

Completed Coursework: Crwn Clothing eCommerce website

June/2023-July/2023

Extracurricular coursework aimed to develop a full eCommerce website using React and the tools available for front-end engineering. The application includes a catalogue saved on the Firestore Database that is fetched every time the app loads and a user login section that allows the user to register with either Google or by manually typing email and password. React redux, sagas, hooks and routing have been implemented to provide an efficient and scalable environment. Furthermore, Stripe payments have been included in the checkout form. The website has been deployed using Netlify and available at: <https://calm-caramelaa0d16.netlify.app>.

Recipient of Academy Spark Change Prize

May/2021

Nationwide competition for university students aimed to bring creativity into solving a societal problem by designing an app. The competition required to submit a series of flow diagrams and a basic structure of the app along with a video presentation. The idea presented placed among the top 25 securing a cash prize.

Coding Activities:

• **I am currently partaking in Udemy courses for web development** to help with my personal project. From the courses, I am learning JavaScript and React, with emphasis on AWS.

ADDITIONAL SKILLS

Languages Italian(Native), English can fluently/professionally speak.

HOBBIES & INTERESTS

- Strong interest in music. I have been playing guitar for more than 6 years.
- Strong interest in fitness and sport such as: hiking, climbing, mountaineering and bodybuilding.
- Experimenting with innovative ideas and businesses models