

Alfie Jack Leader-Blanchard

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PROFILE SUMMARY

Alfie Jack Leader-Blanchard is a highly accomplished Software Developer with expertise spanning full-stack development, API creation using C# .NET, and front-end proficiency in Angular, TypeScript, HTML, and CSS. With a remarkable skill set that includes comprehensive database management and stored procedure implementation in SQL, Alfie is a dynamic professional who consistently delivers excellence in every facet of software development. Alfie demonstrates a deep understanding of both back-end and front-end technologies. His experience in API development using C# .NET enables him to create robust, scalable, and secure applications that can seamlessly communicate with various platforms and systems. His proficiency extends to designing, implementing, and maintaining APIs that serve as the backbone of mission-critical software applications. On the front-end, Alfie shines with his proficiency in Angular and TypeScript. He has a keen eye for user-centric design, ensuring that the applications he develops not only function flawlessly but also provide an exceptional user experience. His skills in HTML and CSS enable him to craft visually appealing and responsive user interfaces, enhancing the overall quality and usability of the software. Alfie's expertise in database management, particularly with SQL, is noteworthy. He possesses in-depth knowledge of database architecture and the efficient use of stored procedures to manage, retrieve, and manipulate data. This skill set is vital for maintaining data integrity and ensuring that applications perform optimally, even when dealing with large datasets. His professional journey also highlights his remarkable adaptability, problem-solving abilities, and commitment to delivering high-quality code. He has experience leading and mentoring teams, implementing software automation, and maintaining top-notch documentation quality, further showcasing his value as a multi-faceted software developer. His certifications from platforms like Pluralsight demonstrate his ongoing commitment to staying updated with the latest industry trends and technologies.

COMPETENT SKILLS

Database management | Mobile Development | Front End Development | Software Development | Project Management
Requirement Gathering | Technical Support | User Training
Team Leadership & Mentoring | Software Automation | Design & Documentation | User Experience Design | Documentation Quality Assurance | Communication Skills | Analytical Thinking | Organisational Skills | RESTful APIs

TECHNICAL SKILLS

Javascript - 2 Years	Typescript - 2 Years	HTML5 - 2 Years	CSS - 2 Years
SQL - 2 Years	Node.js - 2 Years	Angular - 2 Years	Jira - 2 Years
C# - 1 Year	.NET - 1 Year	Ionic - 1 Year	Git - 2 Years

PROFESSIONAL WORK EXPERIENCE

DATATAG

Software Developer

Dec 2022 - Present

Alfie has been a pivotal Software Developer, employing a potent mix of Agile, SOLID, and OOP methodologies to ensure project efficiency. His multifaceted role spans monitoring, application support, and database management. Alfie excels in crafting and maintaining robust software applications, prioritising security, scalability, and maintainability. His prowess in SQL, Angular, Ionic, Typescript, and Javascript is evident in his work. He has been instrumental in developing mission-critical software applications for the security industry, ensuring compliance with the highest industry standards. One of his standout projects involved skillfully integrating Restful APIs, secure log authentications, and an intuitive user interface. His expertise in handling complex technical requirements was particularly evident in this endeavour. Alfie's contribution extends to team collaboration, where he actively harnesses his skills and experience to drive project success.

Highlighted Projects

- His recent solo software project, adeptly addressed complex challenges, incorporating Restful APIs for comprehensive data auditing. Additionally, he implemented secure log authentications in conjunction with user token expiry management, ensuring data integrity. Employing dependency injection and asynchronous programming in Angular, he also designed an intuitive user interface, enhancing the overall experience. This project underscores his expertise in handling diverse technical requirements.
- As part of a development team, he contributed to the creation of an Android mobile app scanner. Leveraging my expertise in HTML, CSS, Ionic, and primarily Angular and TypeScript, he collaborated with built-in software to establish seamless communication with scanners, enabling the secure exchange of decrypted RFID codes. Additionally, he implemented user-friendly features to enhance accessibility for individuals with limited computer literacy, such as reconnect functionality for direct Bluetooth connections. I successfully incorporated CSV data handling and designed contextual visuals to provide meaningful representations of scanned items.
- Revamped and modernised our non-English registration website, originally developed a decade ago without mobile compatibility, by meticulously working with legacy code. Implemented extensive enhancements to enable seamless mobile accessibility and comprehensive functionality, addressing the growing demand for mobile users and optimising the user experience across various devices.

THE REGENERATIVE CLINIC

Software Developer / Assistant Operations Manager

Aug 2021 - October 2022

As a Software Developer and Assistant Operations Manager at The Regenerative Clinic from August 2021 to October 2022, Alfie undertook a dual role that included the seamless management of laboratory operations and the development of an internal software solution. This innovative application, built using Angular, Typescript, Javascript, HTML, CSS, Node, Git, and SQL databases, was designed to automate and streamline lab processes. Alfie's contributions led to significant reductions in inefficiencies and notable improvements in overall laboratory productivity. His team successfully modernised workflows, resulting in substantial time and cost savings. Alfie's user-friendly interface and robust data management capabilities elevated operations and maximised accuracy. His collaborative efforts had a resounding impact on the organisation, with the software solution he developed becoming a cornerstone of laboratory efficiency.

EDUCATION

Kingston University London <i>BSc in Forensic Science (Forensic Archaeology) 2:1</i>	2018 – 2021
Worthing College <i>Medical Science Double Diploma A*A</i>	2016 – 2018
Worthing High School	2012 - 2016

LICENCES AND CERTIFICATIONS

PluralSight - Javascript 7 Syntax and Operators / Javascript	PluralSight - Javascript Promises and Async Programming
PluralSight - Javascript Getting Started	PluralSight - Typescript Creating and Using Decorators
PluralSight - Typescript Creating Object-oriented Code	PluralSight - Typescript Creating and Using Generics
PluralSight - Angular 13 Best Practices	PluralSight - Angular Forms
PluralSight - Angular 12 HTTP Communication	PluralSight - Angular Getting Started
PluralSight - Angular 14 The Big Picture	
FreeCodeCamp - Javascript Algorithms and Code Structures	
Succeeding in Web Development : Full Stack and Front End (LinkedIn Learning)	
HTML Essential Training (LinkedIn Learning)	
Programming for Biologists (Royal Society of Biology)	
Programming Fundamentals (LinkedIn Learning)	