

High Wycombe
07505822779
marwan.khaj@hotmail.com

Marwan Haj Mohamed
Computer Science

<https://marwanhaj.vercel.app/>
<https://www.linkedin.com/in/marwan-haj>
Nationality: British

Education

09/2021 – 05/2024	BSc in Computer Science (<i>First Class Honours</i>)	Brunel University	London, UK
09/2019 – 05/2021	A Levels	Albemarle Independent College	London, UK
<ul style="list-style-type: none">Arabic (A) - Maths (B) - Economics (B) - Computer Science (B)			

Employment History

08/2022 – 05/2024	Frontend Developer	Brunel Talent Marketplace (BTM)	London,UK
<ul style="list-style-type: none">Launched BTM, a university consultancy service, using React with a team of 3 engineers, providing consultation to startups and SMEs.Delivered 3 web applications (HecoCalc, HecoCost, HecoRep) for HecoAnalytics, driving a 30% increase in customer satisfaction through enhanced functionality and user experience.			
09/2024 – 12/2024	Freelance Frontend Developer	JanaHealthCare (JHC)	London, UK
<ul style="list-style-type: none">Partnered with a dermatology company to launch a React-based web application, successfully acquiring 15+ new customers.Designed and implemented modular, reusable components to ensure scalability and maintainability.			
12/2022 – 05/2023	Frontend Developer	HecoCalc	London, UK
<ul style="list-style-type: none">Built and deployed a cost-analysis platform, increasing client efficiency by 25%.Worked with cross-functional teams to translate designs into a multi-page web application using React.Stored user details in AWS Cognito and JSON files in S3 buckets, focusing on scalability and reliability.			
04/2022 – 06/2022	Freelance Frontend Developer	Manazil	London, UK
<ul style="list-style-type: none">Developed a responsive single-page application for an engineering consultancy, enhancing user experience and accessibility across devices, resulting in a 200+ user increase in customer engagement.Boosted application performance by integrating lazy loading, reducing initial load times by 30%.			
07/2023 – 08/2023	Freelance Frontend Developer	AlMadani	London, UK
<ul style="list-style-type: none">Collaborated with a rental agency to develop a mobile application using React Native.Gathered and analysed requirements, ensuring app development aligned with business objectives, resulting in 25% increase of service usage within the first 3 months.			

Projects

11/2023 – 02/2024	Full Stack Developer	Healio	London, UK
<ul style="list-style-type: none">Developed a Random Forest Classification model to predict a disease from given symptoms, and integrated it with a user interface built in React.Implemented an algorithm to extract symptoms from text, achieving 80% accuracy through rigorous testing and optimisation.Stored user details and conversations using Spring Boot and MySQL to personalise user experiences and improve system performance, enhancing engagement and retention.			
09/2022 – 03/2023	Full Stack Developer	EduNotes	London, UK
<ul style="list-style-type: none">Built a full-stack web application enabling users to post, share, and rate notes, driving collaboration.Developed RESTful APIs for user authentication, note management, and ratings, ensuring smooth front-end and back-end integration.Conducted 30+ unit tests to ensure the project functioned as intended under various conditions.			

Skills

Languages	Python, Java, JavaScript, React, RESTful APIs, React Native
Tools	Git, SQL, Spring, AWS, Docker

Achievements

Presented to an audience of 100+ attendees, and was awarded a certificate for winning the annual Made in Brunel competition for presenting my final year project, Healio.