

# ARRAN MALHAN

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## PROFILE

Graduate with a BSc (Hons) Digital Media Computing at Birmingham City University with a 2:1 degree, with a strong foundation in coding and problem-solving. Skills in network configuration, troubleshooting, and cloud services deployment. Passionate and proficient in front-end and back-end technologies, with a keen eye for user experience and graphic design used in digital media production, social media management, and digital visualisation for innovative digital marketing strategies. Looking for a full-time job that can introduce me to the industry to help reinforce my skills and gain new ones to enhance my knowledge after my studies.

## CORE PROFICIENCIES & TECHNICAL SKILLS

- **Php** - designing a basic SQL database with Php code to call, update, and delete entries from and to a webpage.
- **HTML/CSS** - enhanced knowledge of HTML tags, attributes, forms. and responsive website using the bootstrap framework
- **Copywriter** - creating creative content with strategic messaging to build brand identity and influence consumer behaviour.
- **JavaScript** - utilising jQuery and AJAX to make http request to an API to create projects like a news website.
- **WordPress** - used to design, build and publish sites like an ecommerce site using WooCommerce and basic SEO practices.

## EDUCATION & CREDENTIALS

**Full-Stack Engineer:** 2023 - 2025  
Codecademy,  
Implementing and learning Advance React, Node.js, Express.js, API, C#, jQuery, Java, and PostgreSQL projects.

**BSc (Hons) Digital Media Computing:** 2020 - 2023  
Birmingham City University,

Key Modules:

**Network Fundamentals (First Class / 88%):**

*Completed CCNA1- Introduction to Networks (ITN) course:*

*Introduced to the architecture, structure, functions and components of networks. How to build and design simple local area networks (LAN). Performing basic configurations for routers, switches, and implementing Internet Protocol (IP).*

**Cloud-Based Web Services (First Class / 70%):**

*Designing a website using JavaScript, HTML, and CSS code. Utilising jQuery and AJAX.*

*Completed AWS Academy Cloud Foundations Course: Detailed overview of cloud concepts, AWS core services, security, architecture, pricing, and support independent of specific technical roles.*

**OCR Technical Certificates in Software & Games Development & in Global Information & IT:** 2018 - 2019  
Halesowen College,

**GCSE (C and above, including ICT (B), Maths (5) and English (5)):** 2013 - 2018  
Leasowes High School,

## EDUCATIONAL EXPERIENCE

**British Airways Data Science/Analysis** Feb 2024 - May 2024  
via Forage Job Simulations

- Analysed customer insights and built predictive model to understand factors that influence buying behaviour.
- Using my data analytics skills using a Jupyter Notebook and PowerPoint to communicate my scraped, and analysed, customer review data to provide insights in a real-world context.
- Utilise the data collected to provide innovative solutions on how British airways can improve its service and what aspects of services are of higher priority.

- Conducted investigations into diverse job functions within the cybersecurity domain by proficiently identifying key skill prerequisites and addressing associated challenges.
- Built an understanding of the underlying motives driving cybercrime, while discerning potential threats from various sources.
- Identified and counteracted prevalent cyber threats, while bolstering cybersecurity measures via informed strategies.
- Acquired knowledge about common approaches by individuals, businesses, and nations to uphold cybersecurity standards.

**Innovation Project (Water Transport & Filtration System)**

**Feb 2021 - June 2021**

**Project Manager**

- Leveraged GitHub and HTML for the development and design of core website functionalities, seamlessly integrating them into WordPress for efficient hosting and management.
- Employed a diverse range of software tools, such as Illustrator for graphic creation, Photoshop for foundational poster design, and Publisher for precise text, image, and layout alignment. And using graphic design software, including Photoshop, Illustrator, and TinkerCAD to conceptualise and prototype a water filtration system, resulting in a comprehensive understanding of its feasibility and component requirements.
- Utilised expertise in implementing Arduino microcontrollers to collect and analyse data from multiple process stages, effectively identifying issues and devising innovative solutions.

**WORK EXPERIENCE / VOLUNTEERING & AWARDS**

**MS Therapy Centre - Charity Work**

**June 2018**

**Project Manager**

- Project manager and team leader overseeing, coordinating and contributing to the three-department consisting of the marketing, design, finance. My tasks involved formalising ideas, creating appropriate documentation, and delegating work.
- Strategic planning of the renovation of the centre's garden, which required large amounts of coordination and teamwork.
- During the implementation of the renovations any changes, requests, and unseen obstacles had to be overcome using in-depth knowledge of the garden space to problem solve and adapt whilst achieving the same level of quality proposed. It also had to be completed within the same time restraints requiring us to be time managed effectively.
- Design and marketing of the social media platforms to encourage social action while spreading awareness for the charity which involved us to be creative with the promotion of the centre and interpersonal with the community to gain advocates in support of the cause.
- Budget control. Ensuring funding for the renovation of the garden from local investors. This involved clear communication from all members of the team to ensure the right information is available and clear communication to investors to ensure their endorsement.

**National Citizen Service**

**June 2018**

**CERTIFICATE AWARDED BY THERESA MAY MP PRIME MINISTER**

The Support, Time and Commitment I have given, and the Contribution made to the Country and Community with the NCS.

- Critical thinking and problem solving to plan restoration projects. Work ethic to perform menial & complex task with consistent enthusiasm and determination.
- Public speaking to community members, donors, and the public. Digital literacy for research and promotion. Professional writing & attitude to create pitches to investors for funding.
- Teamwork with other team members across several departments/teams. Leadership in my role as team leader and stand in project manager.

**ACTIVITIES AND INTERESTS**

**Graphic Design:**

**2023 - Present**

- Video editing software like Premier Pro to create, modify and assemble videos that are free to use online to show all the different features available. Design software Photoshop for photo editing and adjustment on background images as well as product images to clean or adjust any flaws. Illustrator is what I use for graphic design of concept logos, badges, & items for friends and family for business and personal use. Website concepts using AdobeXD to create basic website structures which I use to demo a User Interfaces for friends and family's understanding of what their potential website could be.