

Jawad Hanif

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Education

George Washington University

Bachelor of Arts in Computer Science, Minors in SocioCultural Anthropology & Communication

Spring 2025

Related Coursework: Data Structures and Algorithms, Database Management Systems, Software Engineering, Discrete Structures, Augmented and Virtual Reality

Honors: GWU Presidential Academic Scholarship and Karlgaard Scholarship Recipient

Technical Skills

Languages: JavaScript ES6+, Java, Typescript, SQL, Golang, HTML5, CSS3 (BEM)

Technology: React ts, Next ts, Docker, Node js, Express, MongoDB, MySQL, Postgresql, Prisma, Zod, Tailwind CSS, NPM

Experience

Mela

Bethesda, MD

Store Manager

August 2021 - Present

- Used a Python-based automated tag generation system integrated with Adobe InDesign, reducing manual workload by 80% and increasing annual production efficiency by 50% for 4,000+ items.
- Automated pricing for 100+ monthly products using Excel, achieving 99% pricing accuracy by factoring international shipping and currency fluctuations, saving 10+ hours monthly.
- Built a Python script to automate revenue-sharing calculations for vendor partnerships, accurately distributing \$7K in profits over 4 months, reducing calculation time by 50% and error rates to 0%.

Frontend Simplified

Virtual

Programming Assistant

March 2021 - August 2021

- Delivered over 50 hours of personalized tutoring to international clients on HTML, CSS, Flexbox, and JavaScript via Discord, achieving a 95% student satisfaction rate and improving client retention.
- Created 10+ custom tutorials and visual aids simplifying concepts like responsive design, Promises, and API requests, improving comprehension by 30% as measured by student feedback.

Projects

Mela - Tag Generation System

- Engineered a TypeScript-based REST API using Express and Dockerized the application for scalable and consistent deployments, integrating Shopify API for product retrieval and barcode filtering, reducing price tag creation time by 90% and processing 4,000+ tags monthly.
- Built a Node.js PDF generation pipeline, containerized with Docker, to replace Adobe InDesign, enabling seamless printing for non-technical users and cutting software licensing costs by 30%.

VConnect - Custom Event Management App

- Designed and deployed a web app for a Valentine's Day event with 50+ attendees, leveraging React TS, Express, and Docker for containerized deployment, ensuring consistent environments and reducing setup time by 40%.
- Optimized real-time data interaction using React Query, reducing load times by 50% and enabling seamless updates for event organizers.
- Implemented PostgreSQL for bulk data operations, scaling client event capacity by 2x and processing 10,000+ records within seconds.

E-Commerce Website

- Designed and deployed web app using React.js (with hooks) and CSS3 (BEM), receiving a 95% user satisfaction rating and supporting 500+ daily users across platforms.
- Optimized site performance through compression, caching, and lazy loading, cutting page load times by 60% and driving a 40% increase in customer retention rates.

EasyView Movies

- Built an interactive web app using React, TMDB API, LocalStorage, and Axios, enabling 200+ daily users to search and access movie details with a user satisfaction rate of 90%.