Muhammad Qasim

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EDUCATION

Manchester Metropolitan University   Aug 2021 - May 2024
Bachelor Of Science (1st Class Honours) In Computer Science

EXPERIENCE

Freelance Software Engineer   June 2021 - Present
Qasim Media Limited

- Transformed online coaches' websites using React/Next.js after consulting with clients to improve lead conversion, leveraging MongoDB for lead management and integrating SendGrid for automated emails, driving a 200% increase in conversion
- Engineered Node.js automation scripts by collaborating with clients to streamline customer data organization and automate statistics generation, slashing manual processing time by 70%
- Optimized RESTful APIs with Next.js or Express after partnering with stakeholders to ensure the solution met their needs for efficient real-time data interaction, resulting in a 25% boost in process efficiency

Information Technology Support Specialist   Jan 2018 - July 2019
Kings Computers

- Designed and deployed static webpages using HTML/CSS, closely collaborating with clients to understand their business requirements, resulting in web solutions that increased client engagement by 60%
- Installed, configured, and repaired over 100 computers and devices, working directly with clients to assess their needs, ensuring seamless integration and reliable functionality within their IT infrastructures
- Addressed inefficiencies in system performance by executing software installations and configurations, customizing setups to meet specific needs and significantly enhancing user efficiency

PROJECTS

YouTube Video Analyser | Next.Js, TailwindCSS, TypeScript   Feb 2024 - May 2024

- Engineered a full-stack web application with Next.js, creating a REST API that leverages the YouTube Data API for video data retrieval and analysis
- Developed an AI-powered chatbot trained on video content, enabling users to interactively explore and learn from video insights
- Trained and fine-tuned an AI model for accurate video content interpretation, optimizing it to deliver insightful summaries and enhance chatbot interactions

AI Fitness Companion | .NET MAUI, C#   Jan 2024 - April 2024

- Developed an AI-driven fitness companion app using .NET MAUI, featuring a model that provides personalized fitness guidance through both text and speech-to-text interactions
- Implemented a gym locator using the device's GPS and Google Maps API to help users find nearby gyms and get directions seamlessly
- Integrated a menu calorie calculator, allowing users to snap pictures of menu items and receive an average calorie count for informed dietary decisions

SKILLS

Languages: JavaScript, TypeScript, C#, C++, Java, Python, SQL, .NET MAUI, HTML, CSS
Frameworks: Next.Js, React, Express, NextAuth
Developer Tools: Git, AWS, Azure, Docker