Muhammad Qasim

✉ hi@qasim.fyi 🔗 LinkedIn 🌐 Portfolio 🌑 Github

EDUCATION

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

EXPERIENCE

Junior Software Engineer   Sep 2024 - Present
Rampage Proxies

- Contributed to $1.1M in annual revenue by engineering and deploying a new customer dashboard in Next.js and developing RESTful API routes using TypeScript and JavaScript, enhancing user experience and operational efficiency while securely handling thousands of daily transactions.
- Developed a dedicated Black Friday landing page, implemented dashboard updates to dynamically display discounts using React/Next.js, and created responsive banner advertisements, significantly enhancing user engagement.
- Developed and optimized RESTful API routes leveraging Fastify and Prisma to securely retrieve and manage data, ensuring efficient transactions and reliable data flow for thousands of daily users.
- Collaborated with cross-functional teams to translate business needs into technical solutions, incorporating robust testing and scalability to support future growth.

Freelance Software Engineer   June 2021 - Present
Qasim Media Limited

- Transformed online coaches websites using React 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
- Designed and implemented reusable UI components using Next.js/React and TailwindCSS, creating a cohesive, responsive interface aligned with Figma designs, enhancing user satisfaction.

PROJECTS

YouTube Video Analyser | React, Express, TailwindCSS, TypeScript   Feb 2024 - May 2024

- Designed and implemented an AI-powered system leveraging OpenAI NLP models to analyse video content, increasing user learning efficiency by over 200%.
- Engineered a full-stack web application with Next.js, creating a REST API that leverages the YouTube Data API and custom AI models for comprehensive video data retrieval and analysis
- Implemented an interactive AI chatbot trained on video content, utilizing advanced prompt engineering techniques to enhance user engagement and learning

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

- Architected an AI-driven fitness app leveraging Azure Cognitive Services for personalized workout recommendations and form analysis
- Implemented advanced NLP techniques for processing user queries and generating context-aware responses
- Integrated computer vision models to analyze user-submitted photos and videos for posture correction and exercise form feedback
- Utilized transfer learning to fine-tune pre-trained models for specific fitness-related tasks, improving accuracy by 25%

SKILLS

Languages: Java, JavaScript, TypeScript, C#, C++, Python, SQL, HTML, CSS
Frameworks & Libraries: React, Next.Js, Fastify, Express, Node.Js, Prisma, .NET MAUI, NextAuth
AI/ML Tools: TensorFlow, PyTorch, NLP (Natural Language Processing), Computer Vision, LLM Fine-Tuning, AWS