Shaarif Ali Syed

647-997-9771 | shaarifalisyed@outlook.com | linkedin.com/in/shaarifalisyed | github.com/ShaarifAliSyed

PROJECTS

AI Flashcard SaaS App | *GeminiAPI, Firebase, Node.js, Next.js, MaterialUI, StripeAPI, ClerkAPI, Javascript* August 2024
- Created an image processing application utilizing machine learning models like U2NET, skimage, and PIL to effectively eliminate the background from any image.
- The application automatically removes the background, requiring the user to simply input an image.
- Leveraging these libraries, the algorithm accurately detects the main image while disregarding the remaining background.

ChatGPT Max | *Python, OpenAi API, Stable Diffusion API, Streamlit* March 2023 – April 2023
- Created an application that extends the functionalities of ChatGPT by leveraging the OpenAI API and developing a front-end website using the streamlit library.
- Enables access to real-time internet information that is not available in ChatGPT's databases.
- Provides current bitcoin information to users, offering a concise market summary and pricing details.
- Employs the Stable Diffusion API to generate images based on user prompt.

Background Remover | *Python,FastAPI,PyTorch,NumPy,U2NET,PIL,Skimage,UUID* March 2022 – April 2022
- Created an image processing application utilizing machine learning models like U2NET, skimage, and PIL to effectively eliminate the background from any image.
- The application automatically removes the background, requiring the user to simply input an image.
- Leveraging these libraries, the algorithm accurately detects the main image while disregarding the remaining background.

TECHNICAL SKILLS

Languages: Java, Python, C, Bash, Regex, SQL Postgres, JavaScript, HTML/CSS, R, TypeScript, LaTeX, Racket, Haskell
Frameworks: React, Node.js, Flask, JUnit, WordPress, CharkaUI, Vaadin, FastAPI, Pytest, Next.js, Material UI, OpenAI API, Gemini API, Stripe API, Clerk API
Developer Tools: Git, Github, Azure Cloud, Azure DevOps, AWS, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse, Jupyter Notebook, Figma, Power Bi, Microsoft Power Apps, Microsoft Power Automate, Azure Cognitive Services, Azure Portal, Docker, Kubernetes
Libraries: NumPy, Matplotlib, PyTorch, PIL, cv2, UUID, OS, Streamlit
Databases: MongoDB, MySQL, Microsoft Azure SQL Database, Microsoft Dataverse, Firebase

TRAINING AND CERTIFICATIONS

Courses: Microsoft Azure Fundamentals, Introduction to Artificial Intelligence, Artificial Intelligence Foundations, Deep Learning Foundations, Reinforcement Learning Foundations, Hands-On PyTorch Machine Learning
Certifications: Microsoft AI Skills Challenge, Artificial Intelligence Foundations (Machine Learning), Generative AI, Google My Business, Deep Learning with Tensorflow, IBM development/support certifications, Docker Essentials

EDUCATION

University of Toronto Mississauga, ON
Honours Bachelor of Science *Sep. 2021 – Present*

Stephen Lewis Secondary School Mississauga, ON
Ontario Secondary School Diploma *Sep. 2018 – June 2021*

EXPERIENCE

Software Engineer May 2024 – August 2025
IBM *Markham, ON*
- Provide development and remote technical support expertise, resolving complex implementation and performance issues. Recreate client environments to identify root causes. Utilize IBM Cloud, Docker, and Kubernetes. Collaborate with development teams to design, develop, and deliver scalable solutions. Proactively monitor and enhance support systems and development processes.

Cloud & DevOps Engineer May 2023 – August 2023
Ministry of Transportation *Toronto, ON*
- Conducted technology research, identifying Azure Cloud services and AI tools aligned with IT Operations requirements. Presented proposals to the leadership team, resulting in the approval of a proof of concept. Implemented the recommended technologies, achieving a 150% acceleration in release times. Introduced optimized Azure Boards and reports, streamlined system integration, and automated testing, reducing testing time by 40%, and contributing to improved service delivery and operations.

UofT Software Engineering Club Vice President July 2022 – Present
University of Toronto *Mississauga, ON*