Musaab Javed

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EDUCATION

Pakistan Institute of Engineering and Applied Sciences   Islamabad, ICT
Bachelor of Science in Computer Science   *Sept. 2020 – Present*
- **Relevant Coursework:** Artificial Intelligence, Machine Learning, Data Structures and Algorithms, Object-Oriented Programming, Computer Organization and Assembly Language, Database Systems, Operating Systems, Software Engineering, Ethical Hacking, Image Processing.

PROFESSIONAL EXPERIENCE

Tech Intern   July 2023 – Present
The FireFly NGO   *Remote,Pakistan*
Pakistan's premier **mental health organization** for students. Working on de-stigmatizing important issues and find solutions for them

- Addressed and resolved key tech-related challenges, enhancing organizational efficiency and effectiveness.
- Led the development of a new website, significantly boosting the organization's digital presence and marketing reach.
- Collaborated effectively with the design and content teams, producing high-quality digital content that contributed to a stronger online presence and engagement with the target audience.

Web Developer   July 2023 – Present
Muneeb Mahmood Technologies   *Remote,UAE*
A premier UAE-based construction firm famed for crafting iconic structures from visionary blueprints, reshaping UAE's skyline.

- Developed a comprehensive full-stack business website, implementing both front-end and back-end technologies to create a robust online presence.
- Achieved a remarkable **40 percent increase in site traffic**, demonstrating effective strategies in driving user engagement and visibility.
- Revitalized and oversaw a fully operational e-commerce store, driving **increased site traffic and optimizing the online shopping experience** for a diverse array of products.

PROJECTS

WhisperFrames | Deep Learning API Architect—*https://github.com/Crypto47/WhisperFrames*   December 2023
- *An image steganography tool on Linux, leveraging advanced Generative Adversarial Networks (GANs) for concealment and security.*
- Developed a cutting-edge Image Steganography Tool tailored for Linux systems.
- Leveraged the power of SteganoGAN, exploring GANs' capabilities in image steganography.
- Enchaned the model using PyTorch by experimenting with different hyperparameters,loss functions etc.

PIEASGuideBot | Lead Developer —*github.com/Crypto47/FAQBot*   November 2023
- *An advanced PIEAS admission query chatbot, powered by fine-tuned GPT-3.5 Turbo, tailored for precise admission-related assistance.*
- Processed and refined data for PIEAS admission queries, ensuring accuracy.
- Fine-tuned a Language Model (LLM) for precise responses to varied inquiries.
- Developed user-friendly frontend UI with HTML/CSS and utilized NODE.js for seamless backend integration and API management.

TECHNICAL SKILLS

Languages: Python,JavaScript, C/C++, SQL (MYSQL,PostgreSQL)
Frameworks: React.js, Django, Flask, WordPress, Pytorch, FastAPI
Developer Tools: Git, AWS, VS Code, Postman, Docker
Networking and CyberSecurity: BurpSuite, Metasploit,WireShark

LICENSES

(ISC)²   Islamabad, Pakistan
Certified in CyberSecurity (CC)   *Issuance Date: May 2023*

Goldman Sachs(Virtual Experience Program)   Remote
Certified in Software Engineering   *Issuance Date: May 2023*

Deloitte(Virtual Experience Program)   Remote
Certified in Technology   *Issuance Date: June 2023*