Kareem A

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STARTUPS

SpareLot | *HTML, CSS, ReactJS, Firebase*   June 2024 – Present
- Founder and Developer of SpareLot: a fullstack app to facilitate user renting and hosting of free storage areas.
- Using Firebase as a secure backend by Google to ensure professional practices are implemented in app logic.
- Using HTML, CSS, and ReactJS as dynamic frontend languages & frameworks to ensure a visually appealing and functional UI for users, resulting in efficient app use.
- Currently being developed within a private GitHub repository to facilitate collaboration with other team members.

PROJECTS

Personal Website | *HTML, CSS, JavaScript*   March 2024 – Present
- Centralized and detailed documentation for all projects, documentation, and technologies.
- 'About Me' page with background, skills, projects, and contact information.
- Highlighted completed projects with descriptions and links to GitHub source.
- Regular updates with new projects and achievements using GitHub Pages for version control and hosting.

WinPatcher | *C++, Windows SDK*   March 2024
- Enhances Windows 11 features, allowing user customization not previously provided by the OS.
- Features include reverting to the Windows 10 taskbar, removing acrylic backgrounds, Godmode utility folder, etc.
- Designed to provide easy customization while advising users to back up data to avoid unintended consequences.
- Published on GitHub under the MIT license to encourage community use and contributions.

IOCTL Driver | *C++, Windows Driver Kit*   March 2024
- Windows IOCTL (Input Output Control) driver for handling communication between software and hardware.
- Custom IOCTL commands to allow data exchange between user-mode applications and the kernel driver.
- Designed the driver to be modular, allowing easy integration and extension with additional functionalities.
- Provided insight to reverse engineering processes achievable through low level kernel mode applications.

SC.NET | *C#, HTML Agility Pack*   May 2023
- Developed an open-source tool to extract comprehensive swim meet results and athlete profiles from SwimCloud.
- Created to address the lack of a public API from SwimCloud, enabling programmatic access to swim data.
- Utilized C# for building a robust and intuitive library that simplifies web scraping for individual users.
- Promotes collaboration within the swimming community by facilitating integration of swim data.

TECHNICAL SKILLS

Languages: C++, C#, Java, Python, HTML/CSS, JavaScript
Developer Tools: Git, VS Code, Visual Studio, PyCharm, IntelliJ
Libraries: ImGui, ReactJS, NodeJS, Firebase

INTERESTS

Sports, Coding, Reverse Engineering

CERTIFICATIONS

CertiPort Certifications in Java and Python (above or equal to 900/1000 score)