Muhammad Nafees Hassan

Contact

- nafeeshassan16@gmail.com
- https://github.com/Nafees10
- https://nafees.digital

Technical Skills

- D Language
- Java
- C++
- SQL
- Python
- Pascal – Delphi & Free Pascal
- PHP
- Git CLI
- Bash shell scripting

Familiar With:
- C#
- JavaScript
- Lua

Web Development:
- LAMP stack
- CSS & HTML5
- vibe-d, D Language
- SparkJava

Linux Operating Systems:
- Primary OS since 2016

Embedded Development:
- Arduino
- ATTiny
- PlatformIO

OSS Contributions

2019	**termbox-d** Identified and fixed some bugs
2023	**dlang-ods** Added support to parse merged cells

Major Projects

2016 – present	**qscript** (D Language) open source Scripting lagnauge, focusing on extensibility & performance. Features a compiler, and a VM.
2017 - present	**qui** (D Language) open source Text User Interface Library, widgets based, with a focus on need-based-refresh.
2017 - 2019	**networkD** (D Language) open source Networking library, utilising RSA encryption, based on TCP/IPv4.
2017 - 2017	**qblog** (LAMP, HTML5, CSS) open source (archived) LAMP based CMS, for blogs. Features a responsive design, using CSS only. Uses a template based approach, to separate structure and style from backend.
2018 - present	**pngtext** (D Language) open source Steganography tool, for hiding data (text or otherwise) into the pixels color data of a PNG image. Utilises qui to provide a UI.
2019 - present	**NaVM** (D Language) open source Extensible VM, with its specific bytecode format, and a binary format as well, intended to be used for scripting languages. Developed with a focus on performance.
2010 - 2016	Created simple indie games

Education

2010 – present	Self taught programming
2017 - 2019	GCE O Levels
2019 - 2021	GCE A Levels
2021 - present	BS Software Engineering, FAST NUCES Lahore (ongoing)