

ISLAM SALAH

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[MyLinkedIn](#) | [Github](#) | [Webpage](#)

TECHNICAL SKILLS

Programming Languages | Python | HTML | CSS | Bash | JavaScript | Java | GDscript | Ruby | C | C++ | Lua | PHP

Operating Systems | Linux (Ubuntu, Kali, Fedora) | Windows | MacOS

Developer Tools | VScode | Thonny | npm | Git | Godot | Github | Aseprite | myPHPadmin | SQL | vim | Linux | putty

Frameworks | Node.js | React | Ruby on Rails | discord.py | pygame

Networking & Protocols: TCP/IP, DNS, HTTP/HTTPS, VPNs, VLANs, Firewalls, IDS/IPS

Other | Typing Speed: 70-80 wpm | Pixel Art | 3D modeling | Creativity | Artistic | Fast Learner | Communication Skills | After Effects | Photoshop

PROJECTS

PiNexus

Current

Raspberry Pi 4 / Linux (DietPi) – Self-Hosted Homelab

- A Raspberry Pi-based local server providing a secure domain for my network, with services like ad blocking, VPN, and AI processing. This setup allowed me to explore networking, Linux system administration, and security.

Key Mechanics:

- Pi-Hole for Ad Blocking – Set up Pi-Hole to block ads and trackers across the network.
- WireGuard VPN – Configured WireGuard for secure, fast, and private remote access to my network.
- DNS & Reverse Proxy – Secure domain setup for self-hosted services.
- AI Integration – Running Ollama locally for AI-powered tasks on the Raspberry Pi.
- Webhoster

Back-End Software Engineer | Lain Bot | Solo

Sep 2023 — Oct 2023

Back-End / Discord Bot

Python

- Lain Bot is a custom Discord bot built using Python and the discord.py library. Through this project, I deepened my understanding of Python, bot development, and Discord's API.

Front-End Engineer | My Web Portfolio

Sep 2022 — Present

Front-End / Software Engineer Online Portfolio

JavaScript | HTML | CSS | PHP

- Designed and developed a personal website utilizing JavaScript, HTML, and CSS technologies. This website serves as a platform to showcase a curated collection of my computer science projects, providing a comprehensive overview of my programming skills and capabilities.
- The projects highlighted on the website exemplify my proficiency in various programming languages, problem-solving abilities, and software development expertise. [link](#)

JOB EXPERIENCE

Skalli Events | Project Coordinator

Nov 2021 — Present

- Assist Engineers with audio and video equipment setup, monitoring and inventory
- Verify, test and troubleshoot audio and video connections. Escalate advanced issues to engineers
- Monitoring signals and levels during live events for audio and video quality assurance
- Assist in event planning logistics before, during and after live events

EDUCATION

Montclair State University (MSU), Montclair, NJ - Bachelor of Science in Computer Science

2022 — 2026