Wilfrantz Dede
DevOps Engineer
+1 (347) 985 6094
wilfrantz@dede.dev

Professional Experience

Junior Software Engineer – MousePaw Media   **May 2020 – June 2021**
- Improved testing/benchmarking library by refactoring and debugging in C++.
- Supported task automation with practical Bash and Python scripts.
- Assisted Linux server maintenance, virtualization, and configuration with technologies like KVM.
- Aided DevOps operation by administering repository server and managing repositories.
- Contributed to the scope of knowledge with documentation and development planning.

User Support Trainer - United Nations   **Oct 2014 – August 2020**
- Maintained service accessibility by assisting users with network, hardware, and software issues.
- Preserved and secured data with prompt image backups, restorations, and data transfer.
- Oversaw IT equipment performance with technical evaluation, troubleshooting, and reparations.
- Maintained IT help desk efficiency by filtering and assigning issues in the ticketing system.
- Assisted rapid deployment of computers with MacOS, Linux, and Windows operating system imaging technology.

Broadcast technician - United Nations   **Dec 2012 – Oct 2014**
- Enforced broadcast scheduling with automation software.
- Ensured broadcast transmissions from remote locations with well-aligned antennas with dishes.
- Wrote C programs on microcontrollers and (RTOS) to overcome limited access to spare parts
- Maintained flawless broadcasts by regularly regulating audio equipment sound quality.
- Assured smooth functioning of the station by testing, maintaining, repairing equipment, and integrating new systems.

Education
B.S. in Information Technology   Anticipated Summer 2023
University of Massachusetts, Lowell, MA.

Certificate UNIX/Linux Operating Systems   February 2022
University of Massachusetts, Lowell, MA.

Project
I currently maintain a C++ application that scans over 300,000 expired domain names daily from Estibot's API. The application is fully automated, using bash scripts and the Crontab, to parse CSV and JSON data to sort domain names by keyword length, domain extension, and aftermarket value before placing backorders on 3 different registrars through API.

Technical Skills
- Strong computer networking experience configuring DNS, DHCP, firewall, IP, hostname etc...
- Knowledge of computer hardware life cycle: installation, maintenance, and decommission.
- Distinct familiarity with IT infrastructure, servers, cabling, power systems and cooling equipment.
- Experience with building Bash and Python scripts for systems automation and data manipulation.
- Experience in designing libraries and implement features with memory-safe code in C and C++.
- Proficient Systems administration, LAMP, SSH, LDAP, Let's Encrypt, log files, IP, and port filtering.