Wilfrantz Dede
DevOps Engineer
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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.

Desktop Support Technician - United Nations   **Oct 2014 – August 2020**
- Oversaw IT systems performance with technical evaluation, troubleshooting, and reparations.
- Maintained IT help desk efficiency by filtering and assigning issues in the ticketing system.
- Improved performance by easing migration to Azure virtual server and storage technologies.
- Maintained service accessibility and secured data with prompt image backups, and restorations.
- Supported rapid deployment of MacOS, Linux, and Windows computers with 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.
- Preserved the performance of the station by maintaining, repairing, and integrating new systems.

Education
BSc. 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, with the Estibot's API. It parses CSV and JSON data to sort domain names by keyword length, domain extension, and after market value to place backorders on 3 different registrars.

Technical Skills
- Strong computer networking experience configuring DNS, DHCP, firewall, IP, host name etc...
- Knowledge of computer hardware life cycle: installation, maintenance, and decommission.
- Distinct familiarity with IT infrastructure, servers, cabling, power, and cooling systems.
- Experience 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 administrator, LAMP, SSH, LDAP, TCPdump, log files, IP, and port filtering.
- Deep domain knowledge of cloud infrastructure solutions while focusing on Linux PaaS, IaaS, storage, and networking.