Nathan Curtis

Process Development Specialist

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Summary

Process Development Specialist operating across automation, infrastructure, production hardware, and cross-departmental workflow design. I build the tools, administer the systems they run on, maintain the hardware they depend on, and connect the workflows between them. I work across Python, PowerShell, JavaScript, Go, and PHP to solve whatever the environment puts in front of me.

Experience

Process Development Specialist

Ronsin Litigation Support Services | 2020 - Current

- Design and maintain automation pipelines for document processing, OCR, file conversion, and batch imaging workflows
- Develop desktop applications and internal tools (PyQt5, Electron) for production operations across network shares
- Administer Active Directory, Group Policy, DNS/DHCP, NAS storage (RAID configuration, permissions, backups), and firewall rules
- Perform full maintenance kits on Kyocera production printers -- fusers, drums, feed assemblies -- and integrate hardware into imaging pipelines
- Build internal dashboards and data-driven interfaces (AG Grid, SQL) for stat tracking and operational visibility
- Diagnose and resolve cross-layer failures spanning software, infrastructure, hardware, and network
- Design cross-departmental workflows that reduce manual handoffs, connect siloed systems, and improve throughput
- Provide cross-platform support across Windows, macOS, Linux, iOS, and Android environments

Capability Domains

Automation & Workflow Development

Python, PowerShell, JavaScript, Go, PHP. OCR pipelines, batch processing, document classification, file conversion systems, job scheduling, desktop utilities, cross-department workflow integration.

Systems & Infrastructure

Active Directory and Group Policy administration, DNS/DHCP configuration and troubleshooting, NAS deployment and storage management (RAID, permissions, backups), firewall configuration, network segmentation, SSH, cross-platform support (Windows, macOS, Linux).

Production Hardware & Imaging

Kyocera production printer diagnostics and full maintenance kits (fusers, drums, feed assemblies). Hardware integration into production workflows. Scanner configuration. Imaging pipeline troubleshooting.

Interface & Tooling Design

Internal dashboards with AG Grid and inline editing. SQL-driven stat tracking and reporting. Electron apps. PyQt5 desktop tools. Configuration interfaces for non-technical users.

Technical Operations & Process Development

Cross-departmental workflow design and implementation. System diagnostics across software, infrastructure, and hardware layers. Environment stabilization. Training and documentation for operational handoff.