SCOTT SANDERS

Anna, IL • 618-614-8774 • me@scott-sanders.dev • scott-sanders.dev • https://www.linkedin.com/in/scott-sanders-dev

Senior Full-Stack Developer

Senior Full-Stack Developer specializing in internal business systems, ERP integrations, database architecture, and production reliability. Proven experience leading development initiatives, modernizing legacy platforms, optimizing cross-database workflows, and delivering measurable operational improvements. Strong background across Laravel/PHP, SQL systems, and mixed Linux/Windows environments.

Core Skills

- **Backend:** PHP (Laravel), Python (Flask/Django), Node.js, REST APIs, SQL optimization
- **Frontend:** HTML, CSS, JavaScript, TypeScript, React, jQuery, Bootstrap
- **Databases:** MySQL, PostgreSQL, MS SQL, MariaDB, Sage 100
- **Infrastructure:** Linux, Windows Server, Apache, Nginx, VPS, SSH, LXC/LXD, Unraid
- **Tools:** Git, GitHub (CI/CD), GitLab (on-prem), Composer, npm, Grunt, Bower, VS Code, Docker
- **Additional:** ERP integrations, automation scripting, AI-assisted development workflows

Professional Experience

Self-Employed — AI Consultant / Engineer

Jan 2023 – Present | Remote

- Designed and implemented automation and AI-assisted tooling to improve development workflows and data processing.
- Built structured data extraction and content generation utilities.
- Designed small-scale local inference environments using containerized services.
- Implemented automation to reduce repetitive development and analysis tasks.

EMAC, Inc. — Web Development Team Leader

Mar 2018 – Mar 2023 | Carbondale, IL

- Led a 3-person development team delivering internal and client-facing web systems.
- Guided backend architecture and standardized coding, versioning, and release practices using Git with an on-prem GitLab server (Main, Development, Testing branches; ticket-based feature branches

tied to OpenProject IDs), with a mixed review process including peer discussion, hands-on testing, and code review prior to merges.
- Designed and maintained business applications using PHP, Python, and TypeScript/React components, including new database schema design for ~40% of systems, complex queries, and stored procedures.
- Led modernization efforts converting legacy Achievo ERP components to Laravel-based services, including schema refactoring, migration from MyISAM to InnoDB, enabling foreign key constraints and transactional integrity for performance and reliability, and pruning deprecated tables to simplify the data model.
- Integrated ERP and accounting platforms (including Sage 100) with internal and third-party APIs, supporting ~50 users and core business operations.
- Reduced MS SQL ↔ MySQL data synchronization time from ~1.5 hours to ~5 minutes across a mixed Ubuntu and Windows Server environment.
- Delivered tooling that improved operational efficiency by approximately 40%.
- Built 10+ on-demand reporting tools for managers to improve decision speed and visibility.
- Identified and resolved pricing-impacting software defects that previously caused revenue leakage.
- Managed Linux and Windows server environments supporting production applications, including server provisioning, patching, access control, cron-based deployment jobs, and implementation of a multi-tape backup system with Bash scripting to synchronize schedules and ensure ordered, reliable backups.
- Translated business requirements into technical solutions in collaboration with stakeholders.
- Served as a primary responder for production incidents, handling urgent software and hardware issues and coordinating rapid diagnosis and hotfix deployment.

EMAC, Inc. — Project Manager

Mar 2016 – Mar 2018 | Carbondale, IL

- Managed project timelines, backlog, and stakeholder communication for multiple web initiatives.
- Coordinated development priorities and delivery milestones.
- Bridged communication between technical teams and business leadership.

Canine Harmony — Full-Stack Developer

Apr 2008 – Aug 2015 | Surrey, BC

- Designed and developed custom POS, CRM, and client-tracking systems, including database schema design from scratch.
- Maintained remote VPS infrastructure hosting company web services.
- Built backend systems using PHP, MySQL, Laravel, Apache, and Nginx.
- Developed front-end interfaces with HTML, CSS, jQuery, and Bootstrap.
- Implemented Git-based workflows and deployment processes.
- Trained staff on custom software and operational procedures.

Options Community Services Society — Program Coordinator

Nov 2006 – Apr 2008 | Surrey, BC

- Managed staff supporting client services and coordinated with provincial agencies.
- Converted paper-based documentation into searchable digital systems.
- Improved record accessibility and long-term data retention.

Spara — Live-In Caregiver

May 2006 – Oct 2006 | Langley, BC

- Maintained safety plans and daily operations for high-risk adolescents.

Nexterra — Network Administrator

May 2002 – Apr 2004 | Greater Vancouver Area

- Installed and maintained rack-mounted Windows server infrastructure.
- Configured remote administration access for operational support.

Family Video — Network Administrator (ISP Support)

Nov 2000 – May 2002 | Springfield, IL

- Supported dial-up ISP infrastructure and server operations.
- Maintained SCO Unix and Linux systems, mail, and web services.
- Worked with Perl, Bash, and PHP scripting.
- Configured Cisco routers and firewall hardware.
- Trained staff on technical support procedures.

Education

Associate's Degree — Counseling Vancouver College of Counselor Training

Professional Development

Python Certificate — Zero to Mastery Academy

Selected Technical Projects

- AI-assisted resume and job-matching platform using PHP and Python.
- Workflow automation tools for structured data extraction.
- Local GPU-based environment for experimentation with LLM-assisted development.