

Randall Yash

Director of Technology

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I am Director of Technology at NEPIRC, the manufacturing resource center for northeastern Pennsylvania. I am responsible for the information systems, security, disaster recovery, and the AI policy. I also build a lot of what the organization runs on: I moved it from SalesLogix to Salesforce, and I still maintain the expense reporting, the KPI and budget dashboards, and the proposal process in Conga. I do NIST 800-171 and CMMC 2.0 gap analyses with manufacturers in the region. Before the director role I designed and stood up the Innovation and Technology Lab. Before NEPIRC, I led the networking practice at Cleverfish.

EXPERIENCE

NEPIRC

Northeastern Pennsylvania Industrial Resource Center

Director of Technology

November 2021 – Present

- Own NEPIRC's information systems, its AI policy and its disaster recovery, and the policies that hold them together.
- Built the Salesforce object that tracks employee expenses and mileage for federal reporting, and review the records each month, sending them back when something is off.
- Approve the monthly organization-wide credit-card expense reports.
- Built the KPI, budget-versus-actual, pipeline and sales-forecast dashboards, with year-over-year and month-over-month views for project managers and business advisors.
- Run the quarterly state and federal client impact surveys: scheduling interviews with business advisors, pulling the project reports and talking points, and sitting in on the interviews themselves.
- Help manufacturers report their impact accurately, and use those interviews to introduce the grants and services they may need next.
- Took over marketing in May 2025 when the marketing manager left: promotion for events and trainings, cut sheets, social posts, e-blasts, the WordPress site, SEO reporting, and the review of open rates and registrations.
- Selected Conga for proposals, set it up and trained the staff who use it, which took the manual work and the errors out of the proposal process.
- Conduct NIST 800-171 and CMMC 2.0 gap analyses for regional manufacturers, and report the findings.
- Ran NEPIRC's NIST Supplier Scouting work: industry trend data, and matching Pennsylvania manufacturers with domestic suppliers.
- Write the grant narratives and the closeout reports, and maintain the CRM bridge between NEPIRC and Pennsylvania DCED.
- Run Manufacturing Day, NEPIRC's largest event at more than 300 attendees and 100 exhibitors, and NEPIRC's Advanced Technology and AI Summit, including exhibitor sales for both.
- Launched and host the Manufacturing Matters podcast, and appear on live television and radio on manufacturing and AI on the factory floor.

Manager of Information Systems and Innovation and Technology Lab

July 2017 – November 2021

Coordinator

- Moved the organization off SalesLogix and onto Salesforce: design, build, customization, rollout and staff training.
- Designed and stood up NEPIRC's Innovation and Technology Lab.
- Wrote and taught a three-day SOLIDWORKS Basics course for manufacturers who needed an introductory step before Essentials.
- Wrote the remote-work security and operating standards that more than 1,800 Pennsylvania companies used during COVID-19, work the International Economic Development Council recognized at the national level.

Manager of Information Systems

July 2015 – July 2017

- Oversaw NEPIRC's IT and cybersecurity, including system administration, and designed and built the NEPIRC website on WordPress.
- Owned the federal and state quarterly reporting: economic impact metrics, grant narratives, and custom reports for lobbying.
- Served on the KC3D advisory board for the rollout of the Keystone College 3D Lab.

Cleverfish

Pennsylvania

Director of Networking

June 2013 – July 2015

- Led the networking practice: billable KPIs for the team, and project management across every implementation.
- Scoped, budgeted and assigned the work according to each engineer's capability and workload.
- Led the technical interview process for new engineers.
- Took on the higher-complexity projects, including the cybersecurity hardening and controls for a regional credit union.

Director of VoIP Integration

April 2012 – June 2013

- Owned every VoIP solution the company sold: coding, configuration, implementation, training and ongoing support.

Network Engineer

May 2011 – April 2012

- Handled the engineering across client networks and servers: Cisco ASA routers and switches, VPN profiles, SQL and PostgreSQL databases, and Microsoft system administration.

Geisinger

Scranton, Pennsylvania

Systems Analyst

March 2010 – April 2011

- Configured, customized and taught Epic EMR through the Scranton CMC acquisition.

INDEPENDENT WORK

- Manage the digital signage that local bars and pubs run their menus and events on.
- Run local AI models and agentic workflows on a Proxmox host, and built a Linux app that tracks token usage across AI providers through their APIs.
- Self-host the databases behind my own private file and photo storage.
- Publish Linux tools on GitHub: laptop TDP and lighting control in the spirit of G-Helper, and a custom Quickshell bar.

SELECTED WORK

spill • github.com/randallyash/spillover

Tries a cheaper model first, and only sends that turn to a frontier model if the first attempt fails. The failed answer is dropped. The next model starts from the original question.

Z13 Power • github.com/randallyash/rog-z13-power-management

Power, lighting, and thermals for the 2025 ASUS ROG Flow Z13, in one Linux service. Profiles follow the plug, the battery, and the hinge. It replaces Armory Crate.

Omarchy bar • github.com/randallyash/ramzal-omarchybar

A Quickshell status bar for an Omarchy desktop: workspaces, media, weather, mail, and a live read of token usage across AI providers.

Hardlight • github.com/randallyash/omarchy-hardlight-theme

An Omarchy theme: magenta chassis light, phosphor-green ink, a cyan HUD, and its own wallpapers.

Hearthgrove · github.com/randallyash/omarchy-hearthgrove-theme

A dark Omarchy theme: charcoal pine, a brass lamp for the accent, and four painterly forest wallpapers.

GuildSync Companion · github.com/randallyash/guildsync-companion-windows

A tray app that uploads GuildSync saved data to twilighttavern.co. Packaged for Windows, Apple silicon, and Arch.

SKILLS

CRM and reporting: Salesforce (admin, custom objects, reports, dashboards, Apex), Crystal Reports, MEIS, ExecutivePulse, DCED reporting

Finance and expense: Expense and mileage review, KPI and variance reporting

Security and compliance: NIST 800-171 / CMMC 2.0, Azure AD, Exchange, Purview, SAML SSO

Marketing and web: WordPress administration and design, SEO reporting, Marketing analytics

Events and training: Event and exhibitor sales, Client surveys, Training delivery

Networking and systems: DNS, Routing, VLANs, Firewalls, VPN, Linux, Microsoft system administration

AI and automation: Local AI models, Agentic workflows, AI provider APIs

Applications: Microsoft Office (Word, Excel, PowerPoint), Advanced Excel

CERTIFICATIONS

- Salesforce Administrator
- Certified Ethical Hacker (CEH)
- CCNA
- Cisco SMBE
- CompTIA Network+
- SOLIDWORKS Associate
- Janek Performance Group Critical Selling Skills

EDUCATION

New Horizons Computer Learning Centers

Network and System Administration

2005 – 2007

Bishop Hoban High School

2000 – 2004

RECOGNITION

- Northeastern Pennsylvania Business Journal, Top 20 Under 40 (2020)

References: Available on request.