

Nick Sundberg

Director, GPS Hardware & Implementation, programmer and DevOps engineer building and operating Windows and Linux systems across local and cloud infrastructure

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SUMMARY

Director of GPS Hardware & Implementation at Edulog, with 12+ years spanning hands-on software development, DevOps, and executive leadership. Builds and operates Windows and Linux systems across local and cloud infrastructure (AWS, Kubernetes, NiFi, Kafka), and has directed two departments responsible for 10,000+ GPS units, 7,500+ tablets, and hundreds of nationwide client deployments. Active open-source contributor to LunaMultiplayer, a community-maintained multiplayer mod for Kerbal Space Program, working on plugins, tooling, and infrastructure.

EXPERIENCE

Edulog (Education Logistics, Inc.)

Missoula, MT · February 2014 - Present

Product Manager & DevOps Technician (concurrent)

October 2025 - Present

Manage the roadmap and market analysis for Edulog's tablet-deployed Driver Portal application and product line. Own EC2 instance management and AWS cloud deployments for proprietary software, alongside Windows-hosted instances and programs.

Build and maintain CI/CD pipelines with GitHub Actions, Argo CD, and Helm for automated deployment.

Director, GPS Hardware & Implementation

August 2022 - Present

- Direct two departments (GPS Hardware and Implementation) supporting hundreds of clients and thousands of devices nationwide, including 10,000+ GPS units, 7,500+ tablets, 35+ active projects, and 100+ supported sites
- Lead R&D for new hardware and software across all new physical product lines, including trackers, tablets, RFID readers, and input sensors, and evaluate new vehicle compatibilities and experimental features
- Own internal software deployment, upgrades, testing, and scaling for Edulog's proprietary product suite
- Product owner for Edulog's mobile products (published iOS and Android apps), the Driver Tablet application, and the company-wide feature request board
- Design cloud-native mobile architecture (efficiency, storage, and system design) and drive UI/UX for cloud and mobile products
- Coordinate with vendors, installers, warehouses, and shipping partners to hit project timelines and plan long-term procurement; reduced entry-level procurement cost by ~30% to improve market viability
- Deliver daily and weekly status reporting to the executive team (CEO, COO, CFO, VPs) on project status and business planning

Executive Project Manager

June 2020 - August 2022

- Designed, roadmapped, and implemented company-wide systems directed by the Executive Committee, including time-tracking and CRM platform rollouts
- Led workflow and business-process consultation across departments
- Owned administrative reporting and organizational analysis for executive decision-making

SQL Database Analyst & Software Implementation

February 2014 - June 2020

- Developed and deployed SQL scripts supporting GIS routing models for major clients including Memphis, New York City, and Miami-Dade County
- Communicated daily with school district clients on application deployment, remote networking, user management, and enhancement requests
- Helped build standardized maintenance scripts and processes rolled out across 200+ clients of all sizes
- Progressed through Application Service Provider (in-house hosting/deployment/support), Deployment & Configuration Management, and SQL Database Analyst / Software Configuration & Implementation roles

Harvard International Relations Council

Director of Technology

April 2017 - January 2020 · Cambridge, MA

- Led website redevelopment and server infrastructure redesign for the largest student organization at Harvard and its subsidiary conferences, including HMUN and HNMUN
- Oversaw development teams across multiple programs reaching tens of thousands of participants in 50+ countries
- Replaced the conference registration and host-management backend with a custom PHP/JavaScript CRM used across all IRC groups

The Harvard Crimson

Writer / Staff Journalist, City of Cambridge & Current Events

September 2016 - September 2018 · Cambridge, MA

- Covered Harvard University and Cambridge, MA news, including city elections, emergencies, city council policy, and current events
- Worked with the design staff to produce 120+ printed publications annually
- Provided hardware asset technical support and maintenance for the newsroom

ADDITIONAL EXPERIENCE

Burning Man Information Radio (BMIR), Volunteer

2011 - Present

- Station setup crew and live radio show host
- Hosted the "Man Burn" broadcast on Event Saturday Night, 2025

NS Aviation, Owner

2024 - Present

- Personal venture offering scenic flights and recreational aviation experiences in Montana

SKILLS

- **Languages:** C, C++, C#, Go, Python, JavaScript, PHP, SQL, Assembly, OCaml, Java
- **Data & Databases:** SQL Server, MySQL, PostgreSQL, MongoDB
- **Cloud & Infrastructure:** AWS (EC2), Kubernetes, Argo CD, Helm, Apache NiFi, Apache Kafka
- **DevOps & Tooling:** Git & GitHub, GitHub Actions CI/CD, Docker, Windows & Linux system administration
- **Web:** HTML5, CSS, D3.js, CMS deployment (Drupal, Joomla, WordPress), API design
- **Leadership & Operations:** Executive reporting, agile project management, procurement and vendor management, cross-functional team leadership, client relations, roadmap planning
- **Open Source:** Contributor to [LunaMultiplayer](#), a community-maintained multiplayer mod for Kerbal Space Program (C# plugins, Go-based Prometheus metrics exporter, core tooling)

EDUCATION

B.S., Computer Science (Minor in Music)

Harvard College · August 2016 - May 2020 · Cambridge, MA

Academic focus: Discrete Mathematics, Algorithms and Data Structures, Machine and System Programming, Multivariable Calculus & Linear Algebra, Networks, Security, Cryptography, and System Architecture

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