

Charlie Dorsey

Technical Product Manager • Platform, Integrations & Applied AI

charliedorsey@gmail.com | 540-580-8604 | Fort Collins, CO | charliedorsey.com | github.com/charliedorsey | linkedin.com/in/charliemdorsey

\$10M+ ARR / **12+** product portfolio • **8-10** SIS integrations • **PowerHub** MFE / shared identity • **30+ sec** → **~2 sec** core loads

PROFILE

Technical product leader who works directly with APIs, auth/identity, data contracts, platform boundaries, performance, and system behavior without confusing product ownership with engineering ownership. At PowerSchool, owned a \$10M+ ARR portfolio spanning 12+ products, led 8-10 legacy SIS integrations, drove Document Management into PowerHub as an MFE/shared capability, and led product response across major reliability and SSO/cache incidents.

Platform & integration strategy • REST APIs / OAuth2 / SAML • Data contracts & multi-system workflows • Multi-tenant identity • Technical discovery • Reliability / incident response • AI / LLM evaluation

EXPERIENCE

Independent Technical Product & AI Work — Self-directed product building & R&D

2025 – Present

- **Hands-on systems work.** Build and evaluate AI-enabled systems across legal-tech, education, LLM evaluation, and developer tooling using Python, C, Rust, Swift, Next.js, WebAssembly, and CI; own problem framing, architecture-level tradeoffs, test strategy, evaluation, and release boundaries while using AI-assisted implementation where useful.
- **Matter.** Built a Python legal-document workbench from live attorney discovery through runnable end-to-end workflow: PDF ingestion with OCR fallback, source-quality grading, conflict detection, provenance on consequential fields, and deadlines blocked on unresolved case posture. Defined a Clio-ready REST/OAuth2 sync plan; live Clio OAuth remains pending.

Staff Product Manager — PowerSchool • Remote

Aug 2022 – Jun 2025

- **\$10M+ ARR / 12+ products.** Owned product strategy, roadmap, investment sequencing, and outcomes across a multi-product SaaS portfolio. Primary product lead for ~15 engineers/QA, with cross-portfolio work regularly spanning ~25 engineers plus external/vendor contributors.
- **8-10 legacy SIS integrations.** Owned integrations between Document Management and PowerSchool SIS against REST APIs, taking workflows from definition through data contracts, dependency decisions, Engineering delivery, and release across reporting, generated student selections, and headless/deep-link patterns.
- **PowerHub MFE / shared identity.** Proposed SIS as the largest internal distribution market for Document Management, defined parent/guardian authentication, MFE UI, and PowerQuery/SIS-data surfaces, advanced the work through platform/UX review, and ultimately exposed Document Management inside PowerHub; Engineering owned implementation.
- **Reliability and system behavior.** Redirected capacity from a funded UX redesign when system health became the limiting constraint; partnered with Engineering to cut 30+ second core loads to ~2 seconds, bring 24+ hour/non-completing document jobs to ~30 minutes for most and 1-2 hours max, and reduce a 1,000+ issue backlog to ~50 in ~3-4 months.
- **SSO P0 / cache tradeoff.** Led product response during report-card season when SSO users could not create/send document jobs; worked through the SAML/current-user flow and a stale 30-minute cache TTL with Engineering, communicated a hotfix that temporarily disabled caching with a known performance tradeoff, and followed the incident through resolution.
- **Enterprise constraints.** Worked through district procurement, FERPA/PII, security/privacy review, records-retention constraints, localization, and product-side RFP requirements, translating institutional constraints into product, integration, and sequencing decisions.

ADDITIONAL EXPERIENCE

- Lead Product Manager, Fractional** — Voyij · Remote
- Oct 2023 – Dec 2024
- **CEO-Engineering execution bridge.** Diagnosed chronic delivery unpredictability, installed lightweight operating rhythms, and translated CEO priorities into implementable scope with a small Engineering team.
 - **Rebuild through go-live.** Led a full website redesign and rebuild from scope and technical tradeoffs through cross-functional delivery and production go-live on a modern stack.

- Product Owner** — PowerSchool · Roanoke, VA
- Sep 2019 – Aug 2022
- **Naviance + SIS integration.** Defined admin and family portal workflows, removed a cross-team delivery dependency through stable deep links, and deferred materially harder tokenized/per-student navigation when the incremental value did not justify the authentication complexity.
 - **Mobile support system.** Mapped Salesforce/Jira support paths, built and end-to-end tested leading Jira alerting ahead of a lagging dashboard, and maintained 100% YTD OLA compliance across 1 P1 and 10 P2 tracked Mobile tickets while owning the product-side response loop.
 - **Counselor workflow.** Led product definition across school/district roles and permissions, mass student assignment, configurable UI, and Staff API exposure; translated security and workflow constraints into product requirements and protected the core release under constrained capacity by deferring lower-value reporting work.

- Project Manager** — PowerSchool · Roanoke, VA
- Apr 2018 – Sep 2019
- Coordinated 30+ concurrent initiatives with executive visibility and supported launches associated with roughly \$5M+ ARR impact.
- Investment Associate** — Commonwealth Growth Group · Roanoke, VA
- Jun 2016 – Feb 2018
- Sourced and evaluated 100+ startups; advanced 3 to term sheet and supported diligence and financial analysis on a \$2M investment.

SELECTED TECHNICAL WORK

- FirstLight** — Built a corpus-derived dimensional reader plus separate advisory router: semantic/structural/move axes project live prompts through fitted transforms, while the dependency-free read path held 20/20 routing parity with the heavier reference implementation.
- elm-compress** — Built a small dataflow language whose byte-transform kernels compile to ordinary Rust at build time. CI asserts lossless round trips across a 9-fixture corpus and checks ratio parity against the Python reference; benchmark claims and the known slow path are documented explicitly.
- The Catch** — Built a 77-item model-output judgment instrument with explicit solvability and label-provenance classes, partly-right cases, signal-detection scoring, and probes that distinguish new referents from confident restatements.

SKILLS

- Product:** Platform & integration strategy · enterprise roadmap & portfolio ownership · technical discovery · requirements / epics / user stories / acceptance criteria · prioritization & ROI · metrics / OKRs · executive & GTM alignment
- Integration / Systems:** REST APIs · OAuth2 · webhooks / callbacks · legacy & third-party integrations · data contracts · micro-frontends · multi-tenant identity · SAML / SSO · caching · multi-system workflows · OCR / document ingestion · localization / internationalization
- AI / Validation:** LLM evaluation & verification · provenance & confidence gating · human-in-the-loop design · routing & abstention · differential / parity testing · CI-backed regression checks · AI-assisted development
- Technical:** Python · C · Rust · Swift · SQL · Next.js · LiveKit · WebAssembly · GitHub Actions

EDUCATION & BEYOND

- Davidson College** — B.A., Political Science | Advanced conversational Spanish | Ultramarathoner · 1,300+ day consecutive running streak