

Rob Dahl

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[github](#) | [linkedin](#) | [website](#)

SUMMARY

Senior-level Software Engineer with 8+ years of experience and a proven track record of technical agility, independently migrating complex architectures between Flutter and React/CMS environments. Expert in executing secure identity management integrations and optimizing performance across high-volume, event-driven microservices.

SKILLS

Languages JavaScript | TypeScript | Dart | C++ | PHP | HTML/CSS | SQL | GraphQL
Frameworks React | React Native | Flutter | Nest.js | Electron.js | jQuery | MJML
Cloud & Infra GCP | Kubernetes | Pub/Sub | AWS (S3, CloudFront) | Docker | Proxmox
Tools Git | SVN | MongoDB | MySQL | SQLite | Agile/Scrum | Ping DaVinci | Snyk

EXPERIENCE

Keller Williams Realty

Dec 2021 - Mar 2026

Software Engineer

Remote

- **Engineering Velocity:** Successfully delivered 23 Web and 9 Mobile releases in a single year, maintaining a high-impact contribution rate while consistently meeting rigorous organizational delivery standards.
- **Auth & Identity:** Acted as the Subject Matter Expert (SME) for PingOne and DaVinci, architecting secure cross-platform authentication flows and directly unblocking integrations for multiple engineering squads.
- **Core Search Architecture:** Key contributor for the Unified Listings Search (ULS) and "Agent Search 2.0" migrations, transitioning complex filtering and GraphQL payloads from Flutter to a modernized CMS to enhance location-based discovery.
- **Architectural Strategy (PORT Initiative):** Spearheaded cross-repository research spikes during organizational transitions, identifying hidden dependencies and technical gaps to mitigate integration risks across CMS and backend services.
- **Cross-Functional Collaboration:** Facilitated Agile ceremonies and served as the primary operational backup for Product and Scrum leadership; drove platform quality through rigorous regression testing and peer code reviews.

RTC Group Inc.

Nov 2017 - Dec 2021

Software Developer

Orlando, FL

- **Tablet POS App:** Engineered a Windows-based Point of Sale application using ElectronJS, IIS Express, and MySQL to streamline local e-commerce transactions.
- **Credit Transaction Portal:** Modernized a legacy portal by migrating the frontend from PHP to React, implementing JWT authentication and advanced data sorting.
- **Inventory Platform:** Revamped web and mobile UIs using HTML, CSS, JavaScript, and jQuery to improve system accessibility.
- **IT Help Desk Tool:** Developed a centralized ticketing tool using Electron.js and SQLite, improving issue tracking and resolution times.

PROJECTS

Peak Pulse Lead Generation

In Progress

Architect & Developer

- Architecting a modernized data pipeline to replace legacy spreadsheet workflows, utilizing Node.js, PostgreSQL (Supabase), and third-party APIs (Outscraper, Lob) for programmatic direct mail fulfillment.

F1 Telemetry Dashboard

In Progress

Full Stack Developer

- Developing a real-time Python and FastF1 data visualization app to ingest high-frequency racing data and compare driver telemetry across circuit sectors.

Local Infrastructure & Virtualization

Homelab

Systems Administrator

- Engineered a Proxmox hypervisor environment to securely host and isolate network services, including Home Assistant, Pi-hole (DNS sinkhole), and dedicated game servers, complete with automated backup orchestration.

EDUCATION & TRAINING

University of Central Florida

Orlando, FL

AA - Computer Science Program

- **Professional Training:** Flutter Training (Very Good Ventures) | MongoDB Training (Credly) | Agile Training (Agile Velocity)