

Dylan Simon

Web / Application Developer | Systems, APIs, Automation

React · Node.js · PostgreSQL · Prisma · Amazon S3 · Tailwind CSS

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Summary

Application developer with 3+ years of experience designing and shipping production business systems, data-driven applications, and automation workflows. Strong background in backend logic, APIs, database design, and system integration, with hands-on experience across full-stack web development and rapid application platforms. Vendor-certified in database-driven application development and automation platforms, focused on building scalable, maintainable solutions that solve real operational problems.

Professional Experience

Application Developer — Productive Computing, Inc.

02/2025 – 10/2025

- Designed and delivered custom business applications for client operations
- Built automation pipelines, data workflows, and third-party API integrations
- Modeled relational data and optimized reporting performance
- Shipped cross-platform systems used across desktop, web, and mobile environments

Primary development performed using FileMaker — a rapid application development platform for building database-driven systems, APIs, and automation workflows.

Lead Application Developer — Great Resort Vacations (Travel Club Membership Sales)

01/2023 – 10/2024

- Led development of a custom CRM platform supporting lead capture, payroll, commissions, event scheduling, and internal reporting
- Implemented automated data ingestion and processing via third-party APIs (Typeform, iCapture)
- Built dynamic reporting tools and configurable layouts to improve operational efficiency
- Served as technical owner for internal systems and automation initiatives

Call Center Manager — Great Resort Vacations

01/2022 – 01/2023

- Designed and deployed a sales training program still in active use
- Migrated legacy spreadsheets into a centralized database system to improve data accuracy and access
- Managed and trained a high-performing sales team; 50% retained top status post-transition
- Supported organizational growth through tooling and process improvements

Selected Projects

Full-Stack Guide Platform — *luckydefenseguides.com*

11/2024 – Present

- Architected and maintain a full production web platform with 700,000+ organic views
- Built a React frontend, Node.js + Express backend, and PostgreSQL database using Prisma
- Designed a custom CMS and API layer for scalable content management
- Achieved strong organic traffic growth and positive user engagement at production scale

- Implemented responsive, accessible, and performance-focused UI patterns

FlipDecks — Mobile Game (Android)

06/2025 – 09/2025

- Developed a mobile application using C# and Unity
- Integrated Firebase for authentication, real-time data, and messaging
- Progressed from closed testing to public release on the Google Play Store
- Designed backend data models to support persistent user state

Technical Skills

Frontend: HTML, CSS, JavaScript, React

Backend: Node.js, Express, REST APIs

Databases: PostgreSQL, Prisma, Firebase, SQL

Systems: Automation workflows, data modeling, reporting

Tooling: Git/GitHub, npm, Vite, Webpack, VS Code

Additional: C#, FileMaker (database-driven application platform), Microsoft Office

Certifications

Microsoft C# Certification — freeCodeCamp (09/2024)