

# Dylan Simon

Web / Application Developer | Systems, APIs, Automation

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

📍 Layton, UT · 📩 grvdylans@gmail.com · ☎️ 775-293-1579 · 🌐 Portfolio · GitHub · LinkedIn

## Summary

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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

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### 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

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### Full-Stack Guide Platform — [luckydefenseguides.com](https://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**

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**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**

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**Microsoft C# Certification** — freeCodeCamp (09/2024)