

# Alden Gillespy

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(813) 437-7425 - ag@aldengillespy.com

**Dear Hiring Manager,**

I'm a full-stack software engineer who builds production-grade web applications with an emphasis on clarity, scalability, and long-term maintainability. I specialize in modern **JavaScript** and **TypeScript** ecosystems—**React, Next.js, Node.js, Tailwind**, and **cloud-hosted backends**—and I approach engineering with the same rigor whether I'm shipping a new feature or architecting a system from the ground up.

In my recent work, I've designed and delivered full-stack applications end-to-end: architecting **APIs**, modeling **relational databases**, implementing **performant front-end interfaces**, and deploying to **cloud infrastructure**. I'm comfortable working across the stack—from database queries and server logic to component architecture and UI systems—and I take ownership of both the technical decisions and the quality of the final product.

What differentiates me as an engineer is **my attention to intent and usability**. I care deeply about how systems feel to use, not just how they function. That mindset comes from years of experience designing and shipping user-facing products where **reliability, clarity, and performance** directly impact real users. I favor predictable patterns, well-documented code, and design systems that scale without becoming brittle.

I'm particularly effective in environments where engineers are expected to think holistically—**balancing product needs, technical constraints, and future growth**. I'm comfortable collaborating with designers, product managers, and other engineers, and I value feedback, iteration, and continuous improvement.

I'm excited about the opportunity to contribute to a team that values thoughtful engineering and high standards. I'd welcome the chance to discuss how my experience and approach could support your product and your goals.

Thank you for your time and consideration.

**Sincerely,**  
**Alden Gillespy**

# ALDEN GILLESPY

Front-End Software Engineer (React)

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## PROFESSIONAL SUMMARY

Full-stack software engineer with experience across **React**, **Next.js**, **TypeScript**, **Node.js**, and **AWS**. Skilled in building scalable, reliable, and user-centered systems. Blends engineering precision with visual communication and cross-disciplinary collaboration.

## CORE SKILLS

**Frontend Development:** React · Redux · TypeScript · JavaScript · Single Page Applications (SPA) · CSS · HTML · UI/UX Fundamentals · Front-End Architecture

**Backend Development:** Node.js · PHP · REST API Design · Microservices · Full-Stack Development · Back-End Web Development · Server-Side Rendering · WordPress Engineering

**Cloud & DevOps:** AWS (EC2, RDS, Route 53) · Kubernetes · Docker · Linux Server Administration · CI/CD Pipelines · Cloud Architecture · DevOps Practices · Monitoring & Deployment Automation

**Search & Data Systems:** Elasticsearch · Apache Solr · SQL · NoSQL · Data Pipelines · Distributed Systems · Databases

**Web & Product Skills:** Web Design · SEO/SEM · Google Analytics · Web Performance Optimization · Content Transformation (AMP) · Leadership & Cross-Functional Collaboration

## PROFESSIONAL EXPERIENCE

### Senior Software Engineer — SERP Solutions

Jul 2024 – Present | Salt Lake City, UT (On-site, Freelance)

- Designed and delivered cloud-native solutions for small businesses, improving reliability and scalability across multiple client platforms.
- Architected full-stack systems with **WordPress** backends and React front-ends on **AWS (EC2, RDS, Route 53)**, enhancing deployment efficiency.
- Built a high-utilized Mocha.js and Chai.js for unit tests and QA automation scripts, with test-driven development (TDD) a main focus on preemptive maintenance.
- Built automation tooling to orchestrate **Amazon EC2** lifecycle operations and accelerate future development workflows.

### **Senior Software Engineer — Ancestry**

Apr 2023 – Oct 2025 | Lehi, UT (Full-time)

- Built and optimized high-traffic **React/Redux** experiences built to serve **20,000+ daily visitors**, prioritizing performance and accessibility.
- Engineered **Node.js** and **Kotlin** microservices supporting mission-critical consumer DNA kit activation workflows with improved resilience.
- Led the end-to-end redesign of the DNA Test Activation flow, implementing a mobile-first **React**-driven UX that reduced friction and boosted completion rates.
- Collaborated with C-suite stakeholders and cross-functional teams to align technical decisions with business objectives.

### **Lead Software Engineer — NBCUniversal (GolfNow)**

Jan 2021 – Sep 2022 | Orlando, FL (Full-time)

- Developed and maintained **Node.js** microservices powering GolfNow booking and content workflows, enhancing API reliability to handle **1,000,000+ daily visitors**.
- Built a high-created automation test scripts and unit tests using **Mocha.js** and **Chai.js** as the main technologies behind the QA automation process.
- Built a high-performance content-transformation pipeline in **JavaScript** to produce AMP-compliant pages, improving mobile load speeds.
- Developed data ingestion and transformation tooling using **Node.js** and **RabbitMQ** to normalize disparate sources and reduce processing overhead.

- Directed the transition to a **Docker**-first microservice architecture, improving deployment consistency and scalability.

### **Developer — Concepta Tech**

Mar 2020 – Jan 2021 | Orlando, FL (Full-time)

- Built a LAMP-based platform with **Apache Solr** integration to deliver natural-language search capabilities for our flagship client.
- Developed and deployed a **WordPress** platform powered by Elasticsearch, improving search performance and indexing quality.

## **EDUCATION**

### **B.S., Computer Science** — University of Florida (2008–2012)

Comprehensive foundation in computer science theory and software engineering, including algorithms, systems programming, data structures, and web technologies.

### **A.S., Film & Video Production** — Full Sail University (2005–2006)

Intensive program focused on cinematography, editing, lighting, color, and directing, reinforcing a multidisciplinary skill set that blends engineering expertise with cinematic storytelling.