

Daniel White

Senior Fullstack Engineer

Fort Worth, TX | [GitHub](#) | [LinkedIn](#) | danaaronwhite@gmail.com

Professional Summary

Software engineer with 15+ years of experience building web, mobile, cloud, and AI-powered applications across healthcare, SaaS, blockchain, automotive, and enterprise software. I enjoy solving difficult technical problems, designing scalable systems, and building products that people actually use.

My background spans frontend architecture, backend services, cloud infrastructure, and AI systems. I have built production platforms with React, Next.js, React Native, TypeScript, Google Cloud Platform, Firebase, and modern AI technologies while leading architecture for distributed services, developer tooling, automated testing, and intelligent workflow automation.

Throughout my career I have worked everywhere from startups to Fortune 50 healthcare organizations, helping teams ship high quality products, improve engineering processes, and solve complex technical challenges. As the founder and CTO of multiple software companies, I have taken products from idea to production, built platforms serving thousands of daily users, and designed systems that process hundreds of thousands of requests every month.

Technical Skills

Languages

TypeScript, JavaScript, Node.js, PHP, HTML5, CSS3, SQL, Shell Scripting, Go

AI & Intelligent Systems

OpenAI APIs, Agentic AI Systems, AI Guardrails, Prompt Engineering, Autonomous Development Workflows, Vector Embeddings, Semantic Search, Pinecone, Cursor AI, Claude, Automated Content Generation, AI Workflow Automation

Testing & DevOps

Jest, Playwright, Maestro, Stryker, GitHub Actions, CI/CD, Git, GitHub, Bitbucket, SourceTree

Product & Design

Figma, Sketch, Adobe XD, Design Systems, UX Architecture, Product Planning & Architecture, Variant.ai, Figma Make

Frontend

React, Next.js, React Native, Expo, Ionic, Redux Toolkit, RTK Query, Tailwind CSS, DaisyUI, Material UI, Vue.js, Vite, SASS, Webpack, Babel

Cloud & Backend

Google Cloud Platform, Firebase, Cloud Functions, Firestore, Pub/Sub, Cloud Storage, Cloud Scheduler, Authentication, REST APIs, gRPC, Serverless Architecture

Monitoring & Analytics

PostHog, Datadog, Sentry, Firebase Analytics

Professional Experience

JUN 2024 TO JUN 2026

FuturHealth

Senior Software Engineer

FuturHealth is a rapidly growing healthcare platform focused on weight loss, telehealth, and patient care. As a member of the MED engineering team, I worked across mobile applications, backend services, cloud infrastructure, and platform architecture to improve reliability, developer productivity, and patient experience.

KEY CONTRIBUTIONS

- Led architecture and planning for the next generation MSO Gateway, a Go based backend framework designed to support multiple Medical Service Organizations through a unified API while moving business logic out of frontend applications and into scalable backend services.
- Built and maintained backend infrastructure using Google Cloud Platform including Cloud Functions, Firestore, Pub/Sub, Cloud Storage, Cloud Scheduler, Firebase Authentication, and supporting serverless services.
- Worked across numerous interconnected repositories to investigate and resolve complex production issues using PostHog, Datadog, Sentry, Firebase, and internal tooling, often tracing customer issues across multiple systems and services.
- Developed production features across React Native, Ionic, Next.js, Firebase, and Google Cloud services supporting patient onboarding, provider workflows, medication management, and internal operations.
- Led initiatives that reduced production bugs, improved application stability, and increased customer conversion and retention by identifying root causes and improving engineering processes.
- Increased automated testing coverage in the flagship React Native application from 8% to 25% in two weeks by implementing Jest unit tests, Maestro integration testing, Stryker mutation testing, CI automation, and automated quality enforcement.
- Designed and implemented CI pipelines that enforced testing, mutation coverage, linting, and integration validation before code reached production.
- Collaborated daily with product managers, designers, QA engineers, platform engineers, and backend teams while mentoring junior developers and helping establish engineering best practices across the organization.

OCT 2023 TO MAY 2024

Republix / Centene Corporation

Senior Software Engineer

Worked as a lead frontend engineer helping build Ambetter Health's first React Native mobile application and shared design system.

KEY CONTRIBUTIONS

- Led development of the React Native design system codenamed Fondue RN, providing reusable, themeable UI components shared across the Ambetter mobile platform.
 - Worked closely with design leadership to faithfully translate complex Figma designs into highly reusable production components.
 - Collaborated with backend engineers, QA teams, and product managers to deliver high quality healthcare features on aggressive release schedules.
 - Helped establish component architecture, documentation standards, accessibility improvements, and engineering best practices for the mobile engineering organization.
 - Mentored engineers on React Native architecture, component design, and frontend development practices.
-

JAN 2023 TO JUL 2023

Bottle Rocket Studios

Lead Software Engineer

Worked with cross functional teams building enterprise software for a national quick service restaurant client.

KEY CONTRIBUTIONS

- Built customer facing applications using Next.js, React, Redux Toolkit, RTK Query, Tailwind CSS, and DaisyUI.
 - Helped architect scalable frontend solutions emphasizing reusable components, maintainability, and performance.
 - Produced technical presentations and recorded engineering content for internal technology meetings.
 - Assisted junior developers through architecture discussions, code reviews, and day to day technical mentoring.
-

OCT 2021 TO DEC 2022

Autonomy

Senior Software Engineer

Worked on the engineering team responsible for Autonomy's electric vehicle subscription platform and supporting internal systems.

KEY CONTRIBUTIONS

- Built major portions of Autonomy.com using Next.js, React, gRPC, and modern API driven architectures.
 - Developed customer facing workflows supporting vehicle subscriptions, reservations, onboarding, and account management.
 - Integrated numerous third party services including Branch, AppsFlyer, Google Analytics, marketing platforms, and customer tracking systems.
 - Collaborated closely with backend engineers, designers, and product managers to rapidly deliver features supporting one of the fastest growing EV subscription platforms in the industry.
-

JUN 2020 TO JUL 2021

Real Items

Senior Software Engineer

Developed blockchain powered software focused on product authentication and supply chain transparency.

KEY CONTRIBUTIONS

- Built blockchain enabled supply chain verification systems that allowed products to be authenticated throughout their lifecycle.
- Designed and developed administrative platforms for large scale NFT creation, management, and product verification.
- Worked with blockchain technologies to improve product traceability, security, and customer confidence.
- Partnered with product and engineering teams to integrate blockchain functionality into existing enterprise systems.

Personal Projects

JAN 2024 TO PRESENT

Emet Interactive

Founder & CTO

Founder of an AI powered Bible study, discipleship, and Christian community platform serving thousands of users across mobile and web. I designed and built the platform from the ground up, leading product architecture, cloud infrastructure, AI systems, mobile development, and backend engineering.

KEY CONTRIBUTIONS

- Architected a modern Bible platform using React Native, Next.js, Google Cloud Platform, Firebase, OpenAI, Pinecone, and Algolia to deliver intelligent Bible study experiences across mobile and web.
- Designed and built an AI Bible Assistant capable of contextual scripture understanding, historical background, theological comparisons, language studies, passage exploration, cross references, and IDE style slash commands that allow users to perform complex Bible research through natural language.
- Built distributed AI worker systems responsible for scheduled content creation, devotion generation, semantic indexing, recommendation pipelines, educational content, and automated enrichment throughout the platform.
- Developed an automated AI powered social media marketing system that creates videos, graphics, captions, and educational content before publishing campaigns directly through the Buffer API.
- Designed cloud native backend infrastructure utilizing Cloud Functions, Firestore, Pub/Sub, Cloud Scheduler, Cloud Storage, Firebase Authentication, and serverless event driven processing.
- Built a complete Christian social platform featuring communities, messaging, ministry publishing, notifications, moderation, collaborative Bible studies, and content discovery.
- Managed the technical implementation and publisher relationships required to secure licensing for numerous Bible translations after more than two years of partnership development.
- Successfully launched production mobile applications that have been live in the App Store for over a year, serving more than 1,200 daily active users while processing over 500,000 Bible scripture API requests every month.
- Designed intelligent retrieval systems utilizing vector embeddings, semantic search, AI moderation, recommendation engines, and conversational AI to provide personalized study experiences.

OCT 2025 TO APR 2026

Integrity Systems

Principal AI Systems Engineer (Contract)

Brought in to architect an AI first software development platform focused on autonomous engineering workflows, developer productivity, and large scale agentic software development.

KEY CONTRIBUTIONS

- Designed the overall architecture for a Next.js platform built around AI assisted software development, allowing the majority of feature implementation to be performed by autonomous development agents operating within carefully defined engineering guardrails.
- Authored more than 200 engineering knowledge documents, architecture specifications, coding standards, UI guidelines, design patterns, and AI skills that provided long term context to development agents, allowing them to consistently produce production ready code aligned with the company engineering standards.
- Established the complete automated testing strategy using Jest, Playwright, GitHub Actions, and continuous integration pipelines to ensure autonomous code generation maintained production quality.
- Built an autonomous development workflow integrating Trello with Cursor workers, allowing engineering tickets to automatically generate implementation plans, create feature branches, write production code, execute testing, and open pull requests with minimal developer involvement.
- Developed an AI powered QA agent responsible for reviewing pull requests, running objective quality analysis, correcting lint issues, resolving failing tests, and identifying architectural concerns before human review.
- Helped establish engineering processes that significantly increased developer velocity while maintaining high standards for code quality, consistency, and long term maintainability.

Download the latest PDF resume and view my complete work history at <https://www.hiredanielwhite.com>